

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020421.D
 Acq On : 22 Nov 2024 18:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024

Quant Time: Nov 23 00:04:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	154818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	266365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	224074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	106604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	96644	54.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.660%
35) Dibromofluoromethane	7.640	113	85606	50.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.240%
50) Toluene-d8	10.109	98	339778	50.500	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.000%
62) 4-Bromofluorobenzene	12.408	95	115254	53.287	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	106.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77912	51.846	ug/l	99
3) Chloromethane	2.074	50	82668	41.178	ug/l	97
4) Vinyl Chloride	2.208	62	80771	39.179	ug/l	100
5) Bromomethane	2.605	94	48409	47.016	ug/l	97
6) Chloroethane	2.745	64	50274	41.803	ug/l	98
7) Trichlorofluoromethane	3.068	101	141116	49.257	ug/l	97
8) Diethyl Ether	3.464	74	44822	49.586	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	78047	45.744	ug/l	99
10) Methyl Iodide	4.013	142	109373	47.859	ug/l	93
11) Tert butyl alcohol	4.872	59	25567	192.236	ug/l	100
12) 1,1-Dichloroethene	3.799	96	80426	47.621	ug/l	99
13) Acrolein	3.659	56	25093	227.832	ug/l	98
14) Allyl chloride	4.391	41	147462	45.153	ug/l	96
15) Acrylonitrile	5.067	53	96859	242.402	ug/l	99
16) Acetone	3.879	43	78733	184.645	ug/l	98
17) Carbon Disulfide	4.116	76	261047	45.879	ug/l	100
18) Methyl Acetate	4.391	43	49809	50.112	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	218775	49.866	ug/l	99
20) Methylene Chloride	4.629	84	88969	49.271	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	91488	48.773	ug/l	98
22) Diisopropyl ether	6.031	45	297643	46.247	ug/l	97
23) Vinyl Acetate	5.964	43	792852	220.441	ug/l	99
24) 1,1-Dichloroethane	5.927	63	176557	48.594	ug/l	99
25) 2-Butanone	6.903	43	121706	221.709	ug/l	99
26) 2,2-Dichloropropane	6.896	77	128954	42.941	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	106596	51.594	ug/l	97
28) Bromochloromethane	7.250	49	69259	45.292	ug/l	96
29) Tetrahydrofuran	7.268	42	78768	240.080	ug/l	98
30) Chloroform	7.427	83	179493	51.159	ug/l	99
31) Cyclohexane	7.707	56	144345	43.534	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	162097	52.617	ug/l	98
36) 1,1-Dichloropropene	7.841	75	125450	48.088	ug/l	99
37) Ethyl Acetate	6.988	43	57844	48.403	ug/l	99
38) Carbon Tetrachloride	7.823	117	146723	53.867	ug/l	99
39) Methylcyclohexane	9.116	83	151172	46.303	ug/l	96
40) Benzene	8.085	78	386387	50.541	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020421.D
 Acq On : 22 Nov 2024 18:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 23 00:04:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	34466	50.688	ug/l	94
42) 1,2-Dichloroethane	8.164	62	109988	53.299	ug/l	98
43) Isopropyl Acetate	8.201	43	112027	48.204	ug/l #	88
44) Trichloroethene	8.866	130	93726	51.743	ug/l	96
45) 1,2-Dichloropropane	9.146	63	89422	49.025	ug/l	99
46) Dibromomethane	9.237	93	47757	51.083	ug/l	99
47) Bromodichloromethane	9.426	83	133578	51.759	ug/l	99
48) Methyl methacrylate	9.225	41	55127	49.614	ug/l	98
49) 1,4-Dioxane	9.231	88	9403	977.626	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	281316	238.525	ug/l	99
52) Toluene	10.170	92	239594	51.274	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	117258	48.047	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	139730	50.016	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	61991	49.954	ug/l	98
56) Ethyl methacrylate	10.438	69	91893	49.307	ug/l	95
57) 1,3-Dichloropropane	10.719	76	112459	50.425	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	223868	253.332	ug/l	97
59) 2-Hexanone	10.762	43	187363	224.350	ug/l	98
60) Dibromochloromethane	10.914	129	85385	53.381	ug/l	99
61) 1,2-Dibromoethane	11.018	107	57879	50.332	ug/l	97
64) Tetrachloroethene	10.652	164	93415	57.834	ug/l	98
65) Chlorobenzene	11.444	112	250054	50.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	88279	52.894	ug/l	97
67) Ethyl Benzene	11.524	91	460787	49.993	ug/l	99
68) m/p-Xylenes	11.633	106	341251	102.787	ug/l	99
69) o-Xylene	11.956	106	161447	51.270	ug/l	98
70) Styrene	11.969	104	271410	51.877	ug/l	98
71) Bromoform	12.133	173	47577	54.697	ug/l #	99
73) Isopropylbenzene	12.255	105	430436	47.664	ug/l	99
74) N-ethyl acetate	12.072	43	94768	43.425	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	66043	45.250	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	45335m	45.120	ug/l	
77) Bromobenzene	12.536	156	93231	49.276	ug/l	99
78) n-propylbenzene	12.597	91	517452	47.745	ug/l	99
79) 2-Chlorotoluene	12.682	91	295822	47.473	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	352012	48.232	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	22131	43.159	ug/l	98
82) 4-Chlorotoluene	12.780	91	300065	46.658	ug/l	99
83) tert-Butylbenzene	12.999	119	318686	49.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	346822	47.932	ug/l	100
85) sec-Butylbenzene	13.176	105	446562	43.981	ug/l	100
86) p-Isopropyltoluene	13.298	119	372534	47.453	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	177379	46.366	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	176014	48.155	ug/l	99
89) n-Butylbenzene	13.621	91	347798	46.262	ug/l	100
90) Hexachloroethane	13.883	117	72958	48.150	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	154026	48.323	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10667	44.540	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	88623	45.985	ug/l	98
94) Hexachlorobutadiene	15.029	225	58795	49.979	ug/l	99
95) Naphthalene	15.151	128	160738	48.429	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	74404	45.153	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
Data File : VY020421.D
Acq On : 22 Nov 2024 18:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

Quant Time: Nov 23 00:04:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
Data File : VY020421.D
Acq On : 22 Nov 2024 18:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 23 00:04:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
Supervised By :Semsettin Yesilyurt 11/25/2024

