

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020444.D
 Acq On : 26 Nov 2024 11:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 01:35:48 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	168223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	267722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	225656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	106839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	81828	42.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.680%
35) Dibromofluoromethane	7.634	113	75577	44.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.040%
50) Toluene-d8	10.109	98	299422	44.277	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.560%
62) 4-Bromofluorobenzene	12.407	95	102588	47.190	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	98333	60.221	ug/l	99
3) Chloromethane	2.074	50	93993	43.324	ug/l	96
4) Vinyl Chloride	2.208	62	92105	41.117	ug/l	98
5) Bromomethane	2.598	94	55400	49.518	ug/l	96
6) Chloroethane	2.738	64	54830	41.958	ug/l	98
7) Trichlorofluoromethane	3.067	101	170517	54.777	ug/l	98
8) Diethyl Ether	3.458	74	47821	48.688	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.823	101	96665	52.142	ug/l	97
10) Methyl Iodide	4.012	142	120116	48.371	ug/l	94
11) Tert butyl alcohol	4.860	59	28198	195.377	ug/l	97
12) 1,1-Dichloroethene	3.793	96	94148	51.304	ug/l	99
13) Acrolein	3.653	56	31199	260.699	ug/l	98
14) Allyl chloride	4.390	41	164606	46.386	ug/l	97
15) Acrylonitrile	5.061	53	98822	227.608	ug/l	99
16) Acetone	3.866	43	150683	325.223	ug/l	97
17) Carbon Disulfide	4.110	76	312646	50.569	ug/l	98
18) Methyl Acetate	4.390	43	48134	44.568	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	232300	48.730	ug/l	99
20) Methylene Chloride	4.616	84	96304	49.083	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	102540	50.309	ug/l	97
22) Diisopropyl ether	6.024	45	313912	44.888	ug/l	99
23) Vinyl Acetate	5.963	43	871373	222.967	ug/l	99
24) 1,1-Dichloroethane	5.921	63	189313	47.953	ug/l	98
25) 2-Butanone	6.896	43	169890	284.823	ug/l	94
26) 2,2-Dichloropropane	6.890	77	178551	54.719	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	116876	52.062	ug/l	98
28) Bromochloromethane	7.250	49	71591	43.086	ug/l	92
29) Tetrahydrofuran	7.268	42	79911	224.155	ug/l	98
30) Chloroform	7.426	83	193694	50.807	ug/l	98
31) Cyclohexane	7.701	56	170888	47.432	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	186210	55.628	ug/l	97
36) 1,1-Dichloropropene	7.841	75	144540	55.125	ug/l	100
37) Ethyl Acetate	6.987	43	58223	48.473	ug/l	97
38) Carbon Tetrachloride	7.823	117	173199	63.265	ug/l	98
39) Methylcyclohexane	9.109	83	187892	57.258	ug/l	96
40) Benzene	8.079	78	422954	55.043	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
 Data File : VY020444.D
 Acq On : 26 Nov 2024 11:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 27 01:35:48 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 :Romaben Patel 11/27/2024
 Supervised By :Mahesh Dadoda 11/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	32857	48.076	ug/l	94
42) 1,2-Dichloroethane	8.158	62	116015	55.935	ug/l	99
43) Isopropyl Acetate	8.195	43	117761	50.415	ug/l #	89
44) Trichloroethene	8.865	130	104979	57.662	ug/l	99
45) 1,2-Dichloropropane	9.140	63	96035	52.384	ug/l	99
46) Dibromomethane	9.231	93	49510	52.690	ug/l	97
47) Bromodichloromethane	9.426	83	144209	55.595	ug/l	97
48) Methyl methacrylate	9.219	41	57055	51.089	ug/l	98
49) 1,4-Dioxane	9.231	88	9899	1023.978	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	291915	246.257	ug/l	99
52) Toluene	10.170	92	266345	56.710	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	134431	54.804	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	156666	55.794	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	63737	51.101	ug/l	99
56) Ethyl methacrylate	10.438	69	97325	51.957	ug/l	95
57) 1,3-Dichloropropane	10.719	76	117608	52.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	200844	226.125	ug/l	96
59) 2-Hexanone	10.761	43	246251	293.368	ug/l	97
60) Dibromochloromethane	10.914	129	91151	56.697	ug/l	99
61) 1,2-Dibromoethane	11.017	107	60443	52.295	ug/l	100
64) Tetrachloroethene	10.645	164	91994	56.555	ug/l	99
65) Chlorobenzene	11.444	112	274990	54.656	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	95424	56.774	ug/l	99
67) Ethyl Benzene	11.517	91	518082	55.815	ug/l	99
68) m/p-Xylenes	11.627	106	385537	115.312	ug/l	99
69) o-Xylene	11.956	106	181690	57.294	ug/l	100
70) Styrene	11.968	104	301350	57.195	ug/l	99
71) Bromoform	12.133	173	50795	57.987	ug/l	99
73) Isopropylbenzene	12.255	105	490231	54.166	ug/l	99
74) N-ethyl acetate	12.072	43	103297	47.229	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	69536	47.539	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	55204m	54.821	ug/l	
77) Bromobenzene	12.535	156	103177	54.413	ug/l	97
78) n-propylbenzene	12.596	91	591847	54.489	ug/l	99
79) 2-Chlorotoluene	12.682	91	327028	52.365	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	404653	55.323	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	25458	49.538	ug/l	98
82) 4-Chlorotoluene	12.779	91	337378	52.345	ug/l	99
83) tert-Butylbenzene	12.999	119	361395	55.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.047	105	397107	54.761	ug/l	99
85) sec-Butylbenzene	13.175	105	521847	51.283	ug/l	100
86) p-Isopropyltoluene	13.297	119	440510	55.989	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	204062	53.224	ug/l	99
88) 1,4-Dichlorobenzene	13.370	146	200120	54.629	ug/l	99
89) n-Butylbenzene	13.620	91	421209	55.904	ug/l	99
90) Hexachloroethane	13.883	117	84226	55.464	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	175132	54.824	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11763	49.008	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	110714	57.321	ug/l	100
94) Hexachlorobutadiene	15.029	225	77237	65.512	ug/l	97
95) Naphthalene	15.151	128	185256	55.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	92301	55.891	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112624\
Data File : VY020444.D
Acq On : 26 Nov 2024 11:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 11/27/2024
Supervised By :Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 01:35:48 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

