

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016431.D
 Acq On : 21 Nov 2023 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

11/22/2023
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Nov 22 02:50:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	168638	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	263323	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	224604	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	106623	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	71408	46.330	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.660%
35) Dibromofluoromethane	7.740	113	79112	52.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.203	98	301020	49.625	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.502	95	98732	50.114	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	77466	46.913	ug/l	99
3) Chloromethane	2.125	50	81765	42.281	ug/l	99
4) Vinyl Chloride	2.266	62	91978	44.231	ug/l	98
5) Bromomethane	2.668	94	58573	42.860	ug/l	99
6) Chloroethane	2.814	64	57512	43.343	ug/l	97
7) Trichlorofluoromethane	3.150	101	149729	49.490	ug/l	99
8) Diethyl Ether	3.546	74	42371	46.859	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.924	101	87828	48.199	ug/l	96
10) Methyl Iodide	4.119	142	105069	53.388	ug/l	96
11) Tert butyl alcohol	4.991	59	23204	192.254	ug/l #	80
12) 1,1-Dichloroethene	3.900	96	83100	48.763	ug/l	86
13) Acrolein	3.753	56	28829	198.030	ug/l	97
14) Allyl chloride	4.509	41	107478	44.444	ug/l #	90
15) Acrylonitrile	5.192	53	78872	219.798	ug/l	97
16) Acetone	3.967	43	74863	293.641	ug/l #	82
17) Carbon Disulfide	4.223	76	254155	49.429	ug/l	99
18) Methyl Acetate	4.509	43	56662	41.826	ug/l #	85
19) Methyl tert-butyl Ether	5.253	73	187051	45.350	ug/l	97
20) Methylene Chloride	4.747	84	115436	65.148	ug/l	86
21) trans-1,2-Dichloroethene	5.253	96	94072	47.944	ug/l	92
22) Diisopropyl ether	6.149	45	226301	43.422	ug/l #	85
23) Vinyl Acetate	6.088	43	539005	213.440	ug/l #	90
24) 1,1-Dichloroethane	6.052	63	147677	45.931	ug/l	97
25) 2-Butanone	7.009	43	104069	233.049	ug/l #	86
26) 2,2-Dichloropropane	7.009	77	140598	48.047	ug/l	96
27) cis-1,2-Dichloroethene	7.015	96	102302	48.380	ug/l	89
28) Bromochloromethane	7.362	49	60500	50.842	ug/l #	78
29) Tetrahydrofuran	7.374	42	60800	205.992	ug/l #	84
30) Chloroform	7.533	83	158789	47.447	ug/l	96
31) Cyclohexane	7.813	56	134374	44.282	ug/l	87
32) 1,1,1-Trichloroethane	7.728	97	150366	49.015	ug/l	96
36) 1,1-Dichloropropene	7.948	75	126468	48.690	ug/l	98
37) Ethyl Acetate	7.100	43	43415	41.368	ug/l #	93
38) Carbon Tetrachloride	7.923	117	141278	52.408	ug/l	98
39) Methylcyclohexane	9.210	83	164292	50.762	ug/l	89
40) Benzene	8.185	78	357324	48.965	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016431.D
 Acq On : 21 Nov 2023 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Nov 22 02:50:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

11/22/2023
 Supervised By :Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	24640m	46.564	ug/l	
42) 1,2-Dichloroethane	8.258	62	91469	48.376	ug/l	93
43) Isopropyl Acetate	8.295	43	84108	41.461	ug/l #	86
44) Trichloroethene	8.966	130	105411	50.261	ug/l	93
45) 1,2-Dichloropropane	9.240	63	82601	47.132	ug/l	97
46) Dibromomethane	9.325	93	46183	48.628	ug/l	99
47) Bromodichloromethane	9.520	83	118061	48.354	ug/l	96
48) Methyl methacrylate	9.313	41	48401	43.171	ug/l #	82
49) 1,4-Dioxane	9.325	88	8903	883.008	ug/l #	49
51) 4-Methyl-2-Pentanone	10.087	43	213415	208.043	ug/l #	87
52) Toluene	10.264	92	230445	49.956	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	113785	48.072	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	138911	49.136	ug/l #	87
55) 1,1,2-Trichloroethane	10.667	97	63869	48.793	ug/l	97
56) Ethyl methacrylate	10.532	69	58149	47.059	ug/l #	79
57) 1,3-Dichloropropane	10.813	76	106533	47.745	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.801	63	206157	246.053	ug/l	91
59) 2-Hexanone	10.849	43	170578	223.553	ug/l	86
60) Dibromochloromethane	11.002	129	82632	50.475	ug/l	100
61) 1,2-Dibromoethane	11.112	107	61275	49.135	ug/l	99
64) Tetrachloroethene	10.740	164	105551	52.338	ug/l	96
65) Chlorobenzene	11.538	112	244142	50.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.612	131	91329	51.600	ug/l	99
67) Ethyl Benzene	11.612	91	438230	50.815	ug/l	98
68) m/p-Xylenes	11.721	106	338819	103.581	ug/l	93
69) o-Xylene	12.050	106	157049	51.711	ug/l	95
70) Styrene	12.063	104	225748	51.911	ug/l	97
71) Bromoform	12.227	173	46314	50.429	ug/l #	100
73) Isopropylbenzene	12.349	105	429402	49.733	ug/l	99
74) N-amyl acetate	12.160	43	69603	40.133	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.599	83	62034	44.775	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	49097m	48.002	ug/l	
77) Bromobenzene	12.630	156	96853	49.632	ug/l	91
78) n-propylbenzene	12.691	91	498594	48.864	ug/l	98
79) 2-Chlorotoluene	12.776	91	272618	48.481	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	344666	49.512	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	21626	45.894	ug/l	90
82) 4-Chlorotoluene	12.874	91	283787	48.840	ug/l	98
83) tert-Butylbenzene	13.093	119	302021	49.257	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	341759	49.860	ug/l	99
85) sec-Butylbenzene	13.270	105	434632	49.617	ug/l	99
86) p-Isopropyltoluene	13.386	119	379773	50.349	ug/l	98
87) 1,3-Dichlorobenzene	13.386	146	186230	49.605	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	181119	49.364	ug/l	99
89) n-Butylbenzene	13.715	91	345099	49.542	ug/l	96
90) Hexachloroethane	13.977	117	71950	49.449	ug/l	93
91) 1,2-Dichlorobenzene	13.757	146	157398	48.926	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9285	42.123	ug/l	87
93) 1,2,4-Trichlorobenzene	15.026	180	96532	51.407	ug/l	98
94) Hexachlorobutadiene	15.129	225	57330	53.290	ug/l	97
95) Naphthalene	15.257	128	166546	49.590	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	78864	50.776	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
Data File : VY016431.D
Acq On : 21 Nov 2023 09:24
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

11/22/2023
Supervised By :Semsettin
Yesilyurt

11/22/2023

Quant Time: Nov 22 02:50:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

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

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

