

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016884.D
 Acq On : 27 Dec 2023 17:43
 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: Dec 28 03:47:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	123556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	215002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	190144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68905	61.090	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.180%			
35) Dibromofluoromethane	7.728	113	70957	57.614	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.220%			
50) Toluene-d8	10.191	98	253095	57.007	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.020%			
62) 4-Bromofluorobenzene	12.489	95	85855	59.606	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 119.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52115	49.356	ug/l	96
3) Chloromethane	2.119	50	91139	56.153	ug/l	99
4) Vinyl Chloride	2.253	62	108056	58.942	ug/l	98
5) Bromomethane	2.656	94	78269	59.943	ug/l	95
6) Chloroethane	2.802	64	73044	58.800	ug/l	98
7) Trichlorofluoromethane	3.131	101	119976	56.178	ug/l	99
8) Diethyl Ether	3.540	74	41838	61.240	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	74126	56.582	ug/l	98
10) Methyl Iodide	4.107	142	68191	49.952	ug/l	99
11) Tert butyl alcohol	4.972	59	30711	332.080	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	67035	57.470	ug/l	98
13) Acrolein	3.735	56	16973	237.868	ug/l	100
14) Allyl chloride	4.497	41	110056	61.601	ug/l	99
15) Acrylonitrile	5.174	53	99908	345.324	ug/l	99
16) Acetone	3.954	43	91188	298.971	ug/l	97
17) Carbon Disulfide	4.210	76	180188	56.774	ug/l	98
18) Methyl Acetate	4.485	43	95727	80.310	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	192053	63.990	ug/l	100
20) Methylene Chloride	4.735	84	88026	58.620	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	79314	59.620	ug/l	96
22) Diisopropyl ether	6.137	45	265189	65.609	ug/l	93
23) Vinyl Acetate	6.076	43	612182	320.236	ug/l	99
24) 1,1-Dichloroethane	6.027	63	149335	61.504	ug/l	99
25) 2-Butanone	7.003	43	136115	324.132	ug/l	98
26) 2,2-Dichloropropane	6.996	77	122318	57.729	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	93240	60.899	ug/l	97
28) Bromochloromethane	7.344	49	55127	57.364	ug/l	98
29) Tetrahydrofuran	7.362	42	84458	367.815	ug/l	98
30) Chloroform	7.521	83	154227	62.048	ug/l	98
31) Cyclohexane	7.801	56	119128	55.124	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	129962	59.566	ug/l	99
36) 1,1-Dichloropropene	7.929	75	113799	57.636	ug/l	99
37) Ethyl Acetate	7.082	43	56417	66.664	ug/l	99
38) Carbon Tetrachloride	7.911	117	111161	56.895	ug/l	98
39) Methylcyclohexane	9.197	83	129546	56.828	ug/l	100
40) Benzene	8.173	78	339702	59.123	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016884.D
 Acq On : 27 Dec 2023 17:43
 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 :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 28 03:47:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	28912	64.345	ug/l	87
42) 1,2-Dichloroethane	8.246	62	94209	62.848	ug/l	100
43) Isopropyl Acetate	8.283	43	106653	64.887	ug/l	99
44) Trichloroethene	8.953	130	84585	57.679	ug/l	97
45) 1,2-Dichloropropane	9.228	63	88894	61.677	ug/l	97
46) Dibromomethane	9.313	93	46425	62.352	ug/l	98
47) Bromodichloromethane	9.508	83	121007	61.661	ug/l	97
48) Methyl methacrylate	9.301	41	60922	66.691	ug/l	98
49) 1,4-Dioxane	9.313	88	11004	1522.689	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	302543	345.462	ug/l	99
52) Toluene	10.252	92	211333	61.377	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	112130	62.662	ug/l	95
54) cis-1,3-Dichloropropene	9.941	75	133791	61.986	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	67838	63.859	ug/l	98
56) Ethyl methacrylate	10.520	69	62578	66.990	ug/l	98
57) 1,3-Dichloropropane	10.801	76	113484	62.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	163715	325.787	ug/l	99
59) 2-Hexanone	10.843	43	211162	323.362	ug/l	99
60) Dibromochloromethane	10.996	129	78673	64.019	ug/l	98
61) 1,2-Dibromoethane	11.099	107	60396	63.396	ug/l	99
64) Tetrachloroethene	10.727	164	66043	55.913	ug/l	97
65) Chlorobenzene	11.526	112	218359	58.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	82799	58.907	ug/l	98
67) Ethyl Benzene	11.599	91	404380	58.810	ug/l	99
68) m/p-Xylenes	11.709	106	301298	118.661	ug/l	99
69) o-Xylene	12.038	106	142597	61.215	ug/l	99
70) Styrene	12.050	104	215670	62.568	ug/l	99
71) Bromoform	12.215	173	43932	62.692	ug/l #	99
73) Isopropylbenzene	12.337	105	381260	56.572	ug/l	100
74) N-amyl acetate	12.148	43	86091	60.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	78909	58.592	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	58026m	60.659	ug/l	
77) Bromobenzene	12.617	156	83046	56.484	ug/l	97
78) n-propylbenzene	12.678	91	468117	57.330	ug/l	99
79) 2-Chlorotoluene	12.764	91	256690	56.812	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	309727	58.058	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	23470	57.619	ug/l	99
82) 4-Chlorotoluene	12.861	91	265025	57.176	ug/l	100
83) tert-Butylbenzene	13.081	119	261970	56.454	ug/l	96
84) 1,2,4-Trimethylbenzene	13.130	105	308272	58.602	ug/l	99
85) sec-Butylbenzene	13.258	105	396530	57.692	ug/l	100
86) p-Isopropyltoluene	13.373	119	331804	57.968	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	164011	57.082	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	160039	57.042	ug/l	99
89) n-Butylbenzene	13.703	91	316503	57.844	ug/l	100
90) Hexachloroethane	13.965	117	67203	56.383	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	144270	58.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10424	59.710	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	74025	56.994	ug/l	98
94) Hexachlorobutadiene	15.117	225	40945	55.503	ug/l	99
95) Naphthalene	15.239	128	147035	52.402	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	62872	56.837	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
Data File : VY016884.D
Acq On : 27 Dec 2023 17:43
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 :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 28 03:47:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

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

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

