

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016621.D
 Acq On : 06 Dec 2023 17:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Dec 07 08:35:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	198571	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	281988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	248938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	122553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75588	41.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.380%
35) Dibromofluoromethane	7.728	113	75114	44.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.520%
50) Toluene-d8	10.185	98	292318	45.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.489	95	97337	46.111	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.220%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	81853	46.665	ug/l	97
3) Chloromethane	2.119	50	70724	38.867	ug/l	100
4) Vinyl Chloride	2.253	62	73827	40.176	ug/l	100
5) Bromomethane	2.662	94	50880	44.203	ug/l	98
6) Chloroethane	2.802	64	48167	42.436	ug/l	99
7) Trichlorofluoromethane	3.131	101	176442	50.792	ug/l	99
8) Diethyl Ether	3.534	74	41539	42.935	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.906	101	92971	47.858	ug/l	96
10) Methyl Iodide	4.101	142	106233	51.758	ug/l	98
11) Tert butyl alcohol	4.954	59	25306	202.369	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	86332	48.921	ug/l	92
13) Acrolein	3.735	56	37988	208.958	ug/l	99
14) Allyl chloride	4.491	41	109409	40.625	ug/l #	84
15) Acrylonitrile	5.174	53	77870	199.416	ug/l	97
16) Acetone	3.954	43	72305	174.096	ug/l	96
17) Carbon Disulfide	4.204	76	226364	45.752	ug/l	97
18) Methyl Acetate	4.485	43	64653	39.273	ug/l #	87
19) Methyl tert-butyl Ether	5.228	73	204600	47.165	ug/l	96
20) Methylene Chloride	4.729	84	91859	50.183	ug/l	87
21) trans-1,2-Dichloroethene	5.235	96	96500	48.628	ug/l	93
22) Diisopropyl ether	6.125	45	234008	42.249	ug/l #	90
23) Vinyl Acetate	6.070	43	529820	199.260	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	154753	45.479	ug/l #	97
25) 2-Butanone	6.990	43	93806	164.257	ug/l	92
26) 2,2-Dichloropropane	6.990	77	162424	50.774	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	106005	48.528	ug/l	92
28) Bromochloromethane	7.344	49	47229	34.266	ug/l #	69
29) Tetrahydrofuran	7.356	42	59387	182.393	ug/l #	85
30) Chloroform	7.515	83	179847	49.583	ug/l	95
31) Cyclohexane	7.795	56	128738	41.089	ug/l #	84
32) 1,1,1-Trichloroethane	7.710	97	181578	52.896	ug/l	97
36) 1,1-Dichloropropene	7.923	75	130364	50.536	ug/l	96
37) Ethyl Acetate	7.082	43	41892	38.809	ug/l #	94
38) Carbon Tetrachloride	7.905	117	172194	57.660	ug/l	99
39) Methylcyclohexane	9.191	83	162218	52.193	ug/l	91
40) Benzene	8.167	78	365948	50.329	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	22575	36.212	ug/l	92
42) 1,2-Dichloroethane	8.240	62	110983	52.567	ug/l	97
43) Isopropyl Acetate	8.283	43	88292	42.401	ug/l #	89
44) Trichloroethene	8.947	130	119077	54.305	ug/l	89
45) 1,2-Dichloropropane	9.222	63	80491	45.981	ug/l	94
46) Dibromomethane	9.313	93	46878	48.848	ug/l	93
47) Bromodichloromethane	9.502	83	132485	51.856	ug/l	99
48) Methyl methacrylate	9.301	41	49819	41.427	ug/l	88
49) 1,4-Dioxane	9.307	88	8490	874.048	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	219266	202.619	ug/l	92
52) Toluene	10.252	92	245810	53.940	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	124680	51.710	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	144961	51.191	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	66468	49.722	ug/l	94
56) Ethyl methacrylate	10.514	69	58615	47.835	ug/l	91
57) 1,3-Dichloropropane	10.801	76	109318	48.408	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	157437	208.490	ug/l #	84
59) 2-Hexanone	10.837	43	155281	189.683	ug/l	92
60) Dibromochloromethane	10.996	129	94181	52.729	ug/l	98
61) 1,2-Dibromoethane	11.099	107	62278	49.532	ug/l	100
64) Tetrachloroethene	10.727	164	127196	55.752	ug/l	97
65) Chlorobenzene	11.526	112	271489	53.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	106786	54.188	ug/l	97
67) Ethyl Benzene	11.599	91	482441	53.352	ug/l	98
68) m/p-Xylenes	11.709	106	377294	109.909	ug/l	95
69) o-Xylene	12.038	106	176097	54.952	ug/l	98
70) Styrene	12.050	104	255645	55.601	ug/l	99
71) Bromoform	12.215	173	56852	53.426	ug/l #	99
73) Isopropylbenzene	12.337	105	495133	54.562	ug/l	97
74) N-amyl acetate	12.154	43	72906	40.291	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	61221	42.416	ug/l	95
76) 1,2,3-Trichloropropane	12.642	75	45568m	41.161	ug/l	
77) Bromobenzene	12.617	156	118074	55.208	ug/l	83
78) n-propylbenzene	12.678	91	557397	52.772	ug/l	96
79) 2-Chlorotoluene	12.764	91	310185	52.115	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	405083	54.936	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	21684	44.185	ug/l	95
82) 4-Chlorotoluene	12.861	91	318606	51.732	ug/l	96
83) tert-Butylbenzene	13.081	119	374141	56.789	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	398194	55.286	ug/l	97
85) sec-Butylbenzene	13.264	105	500023	54.038	ug/l	96
86) p-Isopropyltoluene	13.379	119	455910	56.760	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	223322	54.700	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	215405	53.760	ug/l	99
89) n-Butylbenzene	13.709	91	392646	54.357	ug/l	95
90) Hexachloroethane	13.971	117	84904	53.722	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	189099	53.948	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10667	46.182	ug/l	84
93) 1,2,4-Trichlorobenzene	15.019	180	117001	59.153	ug/l	98
94) Hexachlorobutadiene	15.123	225	75955	60.780	ug/l	98
95) Naphthalene	15.245	128	181824	55.885	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	94545	59.743	ug/l	99

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

12/07/2023
Supervised By :Semsettin
Yesilyurt

12/07/2023

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