

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016699.D
 Acq On : 19 Dec 2023 16:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 20 06:35:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	185740	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	268037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	226617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	107602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	76169	49.579	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.160%			
35) Dibromofluoromethane	7.734	113	79364	50.274	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.540%			
50) Toluene-d8	10.191	98	293005	51.250	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.500%			
62) 4-Bromofluorobenzene	12.495	95	81456	50.109	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	62627	47.500	ug/l	99
3) Chloromethane	2.125	50	114567	48.546	ug/l	99
4) Vinyl Chloride	2.266	62	160357	44.702	ug/l	99
5) Bromomethane	2.668	94	133014	42.735	ug/l	100
6) Chloroethane	2.814	64	115489	43.011	ug/l	95
7) Trichlorofluoromethane	3.143	101	140084	44.553	ug/l	97
8) Diethyl Ether	3.546	74	39158	46.525	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	79975	46.882	ug/l	97
10) Methyl Iodide	4.113	142	96221	49.669	ug/l	99
11) Tert butyl alcohol	4.972	59	23145	239.141	ug/l	100
12) 1,1-Dichloroethene	3.893	96	71689	46.335	ug/l	98
13) Acrolein	3.747	56	18635	238.540	ug/l	100
14) Allyl chloride	4.497	41	90298	46.741	ug/l	86
15) Acrylonitrile	5.180	53	79219	235.099	ug/l	97
16) Acetone	3.966	43	74057	239.496	ug/l	98
17) Carbon Disulfide	4.216	76	199036	48.068	ug/l	100
18) Methyl Acetate	4.497	43	65260	49.024	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	184875	49.465	ug/l	95
20) Methylene Chloride	4.735	84	83217	49.635	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	82373	47.076	ug/l	97
22) Diisopropyl ether	6.131	45	216196	48.894	ug/l	94
23) Vinyl Acetate	6.076	43	525949	243.250	ug/l	99
24) 1,1-Dichloroethane	6.033	63	141823	46.575	ug/l	99
25) 2-Butanone	7.003	43	102340	245.917	ug/l	99
26) 2,2-Dichloropropane	6.996	77	132976	48.086	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	93876	47.466	ug/l	93
28) Bromochloromethane	7.350	49	61575	55.686	ug/l	93
29) Tetrahydrofuran	7.362	42	60278	242.340	ug/l	98
30) Chloroform	7.521	83	153940	47.120	ug/l	100
31) Cyclohexane	7.795	56	113820	45.264	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	139372	48.044	ug/l	97
36) 1,1-Dichloropropene	7.929	75	116357	48.727	ug/l	98
37) Ethyl Acetate	7.088	43	44001	48.110	ug/l	96
38) Carbon Tetrachloride	7.917	117	123749	48.029	ug/l	99
39) Methylcyclohexane	9.197	83	138573	50.403	ug/l	98
40) Benzene	8.173	78	331041	48.251	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	21071	43.380	ug/l	93
42) 1,2-Dichloroethane	8.246	62	94694	48.776	ug/l	95
43) Isopropyl Acetate	8.283	43	86387	49.178	ug/l	97
44) Trichloroethene	8.953	130	92467	48.974	ug/l	96
45) 1,2-Dichloropropane	9.228	63	78952	48.146	ug/l	97
46) Dibromomethane	9.319	93	46421	50.129	ug/l	96
47) Bromodichloromethane	9.508	83	117240	48.489	ug/l	99
48) Methyl methacrylate	9.301	41	47367	49.699	ug/l #	89
49) 1,4-Dioxane	9.313	88	7784	912.967	ug/l #	91
51) 4-Methyl-2-Pentanone	10.081	43	230901	256.101	ug/l	96
52) Toluene	10.258	92	206569	49.209	ug/l	96
53) t-1,3-Dichloropropene	10.478	75	107654	49.726	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	128464	50.079	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	62450	48.820	ug/l	98
56) Ethyl methacrylate	10.520	69	54140	52.011	ug/l #	89
57) 1,3-Dichloropropane	10.801	76	105517	49.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	156905	220.954	ug/l	97
59) 2-Hexanone	10.843	43	160752	244.721	ug/l	95
60) Dibromochloromethane	10.996	129	77738	50.052	ug/l	98
61) 1,2-Dibromoethane	11.099	107	57596	49.993	ug/l	99
64) Tetrachloroethene	10.734	164	77769	49.751	ug/l	95
65) Chlorobenzene	11.526	112	224518	50.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	86448	49.722	ug/l	98
67) Ethyl Benzene	11.605	91	402394	50.190	ug/l	99
68) m/p-Xylenes	11.715	106	309186	101.736	ug/l	99
69) o-Xylene	12.044	106	141056	50.807	ug/l	99
70) Styrene	12.057	104	206027	51.394	ug/l	99
71) Bromoform	12.221	173	45889	50.959	ug/l #	100
73) Isopropylbenzene	12.343	105	386208	51.910	ug/l	99
74) N-amyl acetate	12.154	43	70953	52.705	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.593	83	68671	49.605	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	49460m	52.879	ug/l	
77) Bromobenzene	12.623	156	89053	49.643	ug/l	98
78) n-propylbenzene	12.684	91	450684	51.096	ug/l	99
79) 2-Chlorotoluene	12.770	91	235369	49.818	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	304173	52.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	20467	50.206	ug/l	88
82) 4-Chlorotoluene	12.867	91	244197	49.984	ug/l	97
83) tert-Butylbenzene	13.087	119	267529	50.996	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	301344	51.566	ug/l	98
85) sec-Butylbenzene	13.270	105	388070	51.295	ug/l	100
86) p-Isopropyltoluene	13.386	119	347331	52.513	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	178931	50.405	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	171416	50.404	ug/l	99
89) n-Butylbenzene	13.709	91	319740	52.882	ug/l	98
90) Hexachloroethane	13.977	117	67066	50.878	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	149065	51.113	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8686	47.854	ug/l	99
93) 1,2,4-Trichlorobenzene	15.025	180	93841	53.830	ug/l	98
94) Hexachlorobutadiene	15.129	225	58370	52.977	ug/l	98
95) Naphthalene	15.251	128	152138	54.519	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	79104	53.649	ug/l	98

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

