

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016267.D
 Acq On : 08 Nov 2023 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Nov 09 01:01:07 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						11/09/2023
1) Pentafluorobenzene	7.801	168	167904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	269203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	233760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	112359	50.000	ug/l	0.00
System Monitoring Compounds						11/09/2023
33) 1,2-Dichloroethane-d4	8.148	65	79272	51.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.728	113	79681	52.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.191	98	320144	51.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.489	95	106132	52.694	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	78893	47.987	ug/l	99
3) Chloromethane	2.119	50	90617	47.063	ug/l	100
4) Vinyl Chloride	2.259	62	99460	48.038	ug/l	97
5) Bromomethane	2.662	94	67152	49.352	ug/l	100
6) Chloroethane	2.802	64	64141	48.550	ug/l	97
7) Trichlorofluoromethane	3.131	101	145894	48.433	ug/l	98
8) Diethyl Ether	3.540	74	47003	52.209	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.911	101	88370	48.708	ug/l	95
10) Methyl Iodide	4.100	142	97314	49.664	ug/l	98
11) Tert butyl alcohol	4.966	59	31110	258.885	ug/l #	81
12) 1,1-Dichloroethene	3.887	96	84444	49.769	ug/l	89
13) Acrolein	3.741	56	36466	251.584	ug/l	99
14) Allyl chloride	4.491	41	121460	50.445	ug/l #	93
15) Acrylonitrile	5.173	53	96247	269.390	ug/l	98
16) Acetone	3.954	43	64533	254.229	ug/l	90
17) Carbon Disulfide	4.210	76	248966	48.632	ug/l	99
18) Methyl Acetate	4.485	43	72595	53.821	ug/l #	90
19) Methyl tert-butyl Ether	5.234	73	216621	52.749	ug/l	98
20) Methylene Chloride	4.728	84	94104	52.663	ug/l	89
21) trans-1,2-Dichloroethene	5.234	96	96583	49.439	ug/l	96
22) Diisopropyl ether	6.131	45	264070	50.890	ug/l #	87
23) Vinyl Acetate	6.070	43	673281	267.778	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	160038	49.993	ug/l	96
25) 2-Butanone	6.996	43	117752	264.843	ug/l	91
26) 2,2-Dichloropropane	6.990	77	145708	50.011	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	105329	50.029	ug/l	92
28) Bromochloromethane	7.344	49	60052	50.686	ug/l	90
29) Tetrahydrofuran	7.356	42	81183	276.252	ug/l	89
30) Chloroform	7.514	83	166027	49.826	ug/l	95
31) Cyclohexane	7.795	56	144843	47.940	ug/l	90
32) 1,1,1-Trichloroethane	7.710	97	152228	49.838	ug/l	98
36) 1,1-Dichloropropene	7.929	75	131534	49.535	ug/l	98
37) Ethyl Acetate	7.082	43	57239	53.349	ug/l #	95
38) Carbon Tetrachloride	7.911	117	138866	50.388	ug/l	99
39) Methylcyclohexane	9.191	83	167460	50.611	ug/l	93
40) Benzene	8.167	78	374236	50.163	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	31121	57.528	ug/l	95
42) 1,2-Dichloroethane	8.246	62	100897	52.196	ug/l	94
43) Isopropyl Acetate	8.283	43	113150	54.559	ug/l	92
44) Trichloroethene	8.947	130	106032	49.453	ug/l	98
45) 1,2-Dichloropropane	9.221	63	92146	51.430	ug/l	98
46) Dibromomethane	9.313	93	50755	52.275	ug/l	96
47) Bromodichloromethane	9.508	83	127239	50.975	ug/l	97
48) Methyl methacrylate	9.301	41	62956	54.927	ug/l	87
49) 1,4-Dioxane	9.307	88	11389	1104.899	ug/l #	63
51) 4-Methyl-2-Pentanone	10.075	43	287745	274.375	ug/l	90
52) Toluene	10.252	92	241122	51.129	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	127006	52.486	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	148453	51.365	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	69919	52.248	ug/l	97
56) Ethyl methacrylate	10.520	69	70072	55.470	ug/l #	84
57) 1,3-Dichloropropane	10.794	76	120529	52.838	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	249398	291.161	ug/l	94
59) 2-Hexanone	10.837	43	203384	260.725	ug/l	88
60) Dibromochloromethane	10.989	129	87431	52.240	ug/l	100
61) 1,2-Dibromoethane	11.099	107	68244	53.528	ug/l	100
64) Tetrachloroethene	10.727	164	105626	50.324	ug/l	97
65) Chlorobenzene	11.526	112	250941	50.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	94972	51.557	ug/l	99
67) Ethyl Benzene	11.599	91	459678	51.214	ug/l	99
68) m/p-Xylenes	11.709	106	348373	102.331	ug/l	95
69) o-Xylene	12.038	106	163003	51.570	ug/l	97
70) Styrene	12.050	104	238540	52.705	ug/l	98
71) Bromoform	12.215	173	51655	54.042	ug/l #	99
73) Isopropylbenzene	12.337	105	442662	48.652	ug/l	99
74) N-amyl acetate	12.148	43	98574	53.937	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	74429	50.979	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	49206m	45.652	ug/l	
77) Bromobenzene	12.617	156	100574	48.908	ug/l	95
78) n-propylbenzene	12.678	91	522152	48.560	ug/l	100
79) 2-Chlorotoluene	12.764	91	288493	48.685	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	356885	48.650	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	26730	53.829	ug/l	91
82) 4-Chlorotoluene	12.861	91	296236	48.380	ug/l	99
83) tert-Butylbenzene	13.081	119	308425	47.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	357135	49.443	ug/l	97
85) sec-Butylbenzene	13.263	105	449959	48.744	ug/l	100
86) p-Isopropyltoluene	13.379	119	393282	49.478	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	192910	48.761	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	191254	49.465	ug/l	99
89) n-Butylbenzene	13.702	91	367809	50.106	ug/l	96
90) Hexachloroethane	13.965	117	74282	48.446	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	168520	49.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11418	49.155	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	106986	54.065	ug/l	99
94) Hexachlorobutadiene	15.117	225	56888	50.180	ug/l	99
95) Naphthalene	15.245	128	197935	55.927	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	90692	55.411	ug/l	98

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 Supervised By : Mahesh
 Dadoda

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

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