

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016421.D
 Acq On : 20 Nov 2023 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/21/2023
 Supervised By :Semsettin Yesilyurt 11/21/2023

Quant Time: Nov 21 05:10:48 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	147603	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	233196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	204106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	95105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	68657	50.893	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.780%			
35) Dibromofluoromethane	7.740	113	74753	56.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.860%			
50) Toluene-d8	10.197	98	277432	51.645	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.495	95	89610	51.361	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	69227	47.899	ug/l	96
3) Chloromethane	2.131	50	81919	48.397	ug/l	98
4) Vinyl Chloride	2.272	62	86052	47.278	ug/l	96
5) Bromomethane	2.674	94	56172	46.961	ug/l	98
6) Chloroethane	2.814	64	55411	47.710	ug/l	95
7) Trichlorofluoromethane	3.149	101	136980	51.729	ug/l	98
8) Diethyl Ether	3.552	74	40296	50.915	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.924	101	81392	51.032	ug/l	96
10) Methyl Iodide	4.119	142	89754	52.105	ug/l	97
11) Tert butyl alcohol	4.972	59	23798	225.275	ug/l #	81
12) 1,1-Dichloroethene	3.899	96	75428	50.569	ug/l	88
13) Acrolein	3.753	56	30072	236.006	ug/l	98
14) Allyl chloride	4.509	41	97892	46.248	ug/l #	92
15) Acrylonitrile	5.192	53	82161	261.593	ug/l	97
16) Acetone	3.966	43	66129	296.347	ug/l #	88
17) Carbon Disulfide	4.222	76	214350	47.629	ug/l	100
18) Methyl Acetate	4.503	43	66510	56.092	ug/l #	87
19) Methyl tert-butyl Ether	5.253	73	184549	51.120	ug/l	96
20) Methylene Chloride	4.747	84	117147	76.132	ug/l #	86
21) trans-1,2-Dichloroethene	5.253	96	86783	50.532	ug/l	89
22) Diisopropyl ether	6.143	45	215677	47.281	ug/l #	87
23) Vinyl Acetate	6.088	43	510931	231.157	ug/l #	91
24) 1,1-Dichloroethane	6.045	63	142332	50.577	ug/l	95
25) 2-Butanone	7.008	43	101696	260.190	ug/l	92
26) 2,2-Dichloropropane	7.008	77	133778	52.231	ug/l	95
27) cis-1,2-Dichloroethene	7.008	96	96709	52.253	ug/l	91
28) Bromochloromethane	7.362	49	54647	52.468	ug/l #	78
29) Tetrahydrofuran	7.368	42	62849	243.279	ug/l #	83
30) Chloroform	7.527	83	154839	52.860	ug/l	98
31) Cyclohexane	7.807	56	120536	45.382	ug/l #	85
32) 1,1,1-Trichloroethane	7.728	97	142390	53.029	ug/l	97
36) 1,1-Dichloropropene	7.941	75	114179	49.638	ug/l	98
37) Ethyl Acetate	7.094	43	42838	46.092	ug/l #	92
38) Carbon Tetrachloride	7.923	117	131101	54.916	ug/l	98
39) Methylcyclohexane	9.203	83	141052	49.212	ug/l	92
40) Benzene	8.185	78	333401	51.590	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	24173	51.584	ug/l	95
42) 1,2-Dichloroethane	8.258	62	89084	53.201	ug/l	93
43) Isopropyl Acetate	8.289	43	83028	46.216	ug/l #	87
44) Trichloroethene	8.959	130	96968	52.208	ug/l	97
45) 1,2-Dichloropropane	9.234	63	80403	51.805	ug/l	98
46) Dibromomethane	9.325	93	44760	53.219	ug/l	99
47) Bromodichloromethane	9.514	83	117320	54.258	ug/l	99
48) Methyl methacrylate	9.307	41	48481	48.829	ug/l #	84
49) 1,4-Dioxane	9.313	88	9024	1010.636	ug/l #	64
51) 4-Methyl-2-Pentanone	10.087	43	221102	243.382	ug/l	89
52) Toluene	10.258	92	213168	52.181	ug/l	94
53) t-1,3-Dichloropropene	10.483	75	111725	53.300	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	133450	53.303	ug/l #	86
55) 1,1,2-Trichloroethane	10.660	97	62939	54.294	ug/l	94
56) Ethyl methacrylate	10.526	69	57583	52.622	ug/l #	80
57) 1,3-Dichloropropane	10.807	76	104563	52.916	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	194884	262.649	ug/l	91
59) 2-Hexanone	10.849	43	167356	247.666	ug/l	85
60) Dibromochloromethane	11.002	129	81295	56.074	ug/l	99
61) 1,2-Dibromoethane	11.105	107	60592	54.864	ug/l	98
64) Tetrachloroethene	10.733	164	94941	51.805	ug/l	98
65) Chlorobenzene	11.532	112	229887	52.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	87541	54.428	ug/l	98
67) Ethyl Benzene	11.605	91	412620	52.650	ug/l	100
68) m/p-Xylenes	11.715	106	315589	106.169	ug/l	94
69) o-Xylene	12.044	106	147366	53.396	ug/l	97
70) Styrene	12.056	104	215756	54.596	ug/l	97
71) Bromoform	12.221	173	46833	56.116	ug/l #	98
73) Isopropylbenzene	12.343	105	401792	52.171	ug/l	99
74) N-amyl acetate	12.154	43	68618	44.357	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.593	83	64461	52.161	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	48195m	52.826	ug/l	
77) Bromobenzene	12.623	156	92242	52.994	ug/l	92
78) n-propylbenzene	12.684	91	468666	51.494	ug/l	98
79) 2-Chlorotoluene	12.770	91	257764	51.391	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	323671	52.127	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	22247	52.929	ug/l	90
82) 4-Chlorotoluene	12.867	91	266235	51.368	ug/l	98
83) tert-Butylbenzene	13.087	119	288487	52.748	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	321079	52.516	ug/l	97
85) sec-Butylbenzene	13.263	105	408690	52.306	ug/l	99
86) p-Isopropyltoluene	13.379	119	353128	52.487	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	177029	52.865	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	171177	52.305	ug/l	100
89) n-Butylbenzene	13.708	91	318185	51.210	ug/l	96
90) Hexachloroethane	13.971	117	66201	51.008	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	149690	52.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9098	46.273	ug/l	87
93) 1,2,4-Trichlorobenzene	15.019	180	86213	51.472	ug/l	99
94) Hexachlorobutadiene	15.123	225	51231	53.388	ug/l	98
95) Naphthalene	15.245	128	153976	51.399	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	70602	50.962	ug/l	98

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

