

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009215.D
 Acq On : 17 Jun 2022 10:05
 Operator : KP/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 :Semsettin Yesilyurt 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 17 14:14:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	186742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	307857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	276403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101504	52.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.060%			
35) Dibromofluoromethane	7.710	113	98067	50.808	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.620%			
50) Toluene-d8	10.179	98	386820	52.647	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.300%			
62) 4-Bromofluorobenzene	12.477	95	134828	51.640	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	57955	40.999	ug/l	99
3) Chloromethane	2.107	50	79272	45.264	ug/l	100
4) Vinyl Chloride	2.247	62	90065	48.992	ug/l	97
5) Bromomethane	2.644	94	60670	46.977	ug/l	98
6) Chloroethane	2.790	64	58383	50.753	ug/l	96
7) Trichlorofluoromethane	3.119	101	144239	49.119	ug/l	96
8) Diethyl Ether	3.521	74	52095	46.754	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	86453	47.881	ug/l	95
10) Methyl Iodide	4.082	142	110591	47.948	ug/l	90
11) Tert butyl alcohol	4.936	59	61604	199.057	ug/l	100
12) 1,1-Dichloroethene	3.863	96	80926	45.541	ug/l	90
13) Acrolein	3.723	56	9225	161.659	ug/l	97
14) Allyl chloride	4.466	41	151830	47.348	ug/l #	93
15) Acrylonitrile	5.155	53	146769	246.276	ug/l	98
16) Acetone	3.936	43	137902	280.645	ug/l	92
17) Carbon Disulfide	4.186	76	242672	47.173	ug/l	99
18) Methyl Acetate	4.473	43	68119	47.862	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	266731	49.749	ug/l	97
20) Methylene Chloride	4.710	84	101621	45.698	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	104630	50.251	ug/l	85
22) Diisopropyl ether	6.112	45	354984	53.687	ug/l	93
23) Vinyl Acetate	6.051	43	1140378	274.168	ug/l	96
24) 1,1-Dichloroethane	6.009	63	188386	50.423	ug/l	98
25) 2-Butanone	6.978	43	211435	271.923	ug/l	91
26) 2,2-Dichloropropane	6.972	77	170803	51.596	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	122112	50.006	ug/l	91
28) Bromochloromethane	7.332	49	92673	57.870	ug/l	90
29) Tetrahydrofuran	7.344	42	132249	256.157	ug/l	92
30) Chloroform	7.502	83	193182	50.268	ug/l	100
31) Cyclohexane	7.777	56	175465	50.215	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	169232	50.082	ug/l	98
36) 1,1-Dichloropropene	7.917	75	149751	50.437	ug/l	97
37) Ethyl Acetate	7.064	43	89683	50.760	ug/l	95
38) Carbon Tetrachloride	7.893	117	152711	49.741	ug/l	97
39) Methylcyclohexane	9.179	83	187937	52.504	ug/l	93
40) Benzene	8.155	78	443089	51.104	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	47185	47.748	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	126903	50.187	ug/l	93
43) Isopropyl Acetate	8.271	43	165290	50.580	ug/l #	93
44) Trichloroethene	8.935	130	124240	50.130	ug/l	100
45) 1,2-Dichloropropane	9.216	63	113086	51.455	ug/l	97
46) Dibromomethane	9.301	93	63923	50.564	ug/l	97
47) Bromodichloromethane	9.496	83	151251	50.198	ug/l	98
48) Methyl methacrylate	9.289	41	75404	51.696	ug/l #	88
49) 1,4-Dioxane	9.295	88	17519	974.201	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	435131	253.133	ug/l	92
52) Toluene	10.240	92	280810	50.724	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	162773	51.501	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	185407	51.941	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	92297	51.591	ug/l	98
56) Ethyl methacrylate	10.508	69	126840	52.299	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	156221	51.117	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	264632	251.726	ug/l	97
59) 2-Hexanone	10.831	43	306684	260.065	ug/l	89
60) Dibromochloromethane	10.984	129	110198	50.312	ug/l	100
61) 1,2-Dibromoethane	11.087	107	88368	50.682	ug/l	98
64) Tetrachloroethene	10.715	164	133012	51.944	ug/l	99
65) Chlorobenzene	11.514	112	302051	50.446	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	112575	51.339	ug/l	97
67) Ethyl Benzene	11.593	91	534533	51.161	ug/l	97
68) m/p-Xylenes	11.703	106	416533	101.121	ug/l	93
69) o-Xylene	12.026	106	199513	51.120	ug/l	92
70) Styrene	12.044	104	332663	50.810	ug/l	96
71) Bromoform	12.209	173	68631	49.002	ug/l #	100
73) Isopropylbenzene	12.331	105	524761	52.207	ug/l	99
74) N-amyl acetate	12.142	43	139092	49.607	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	98338	49.430	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	75927m	51.488	ug/l	
77) Bromobenzene	12.605	156	124114	50.258	ug/l	94
78) n-propylbenzene	12.672	91	625690	51.446	ug/l	97
79) 2-Chlorotoluene	12.758	91	354067	51.670	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	433947	51.652	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	36408	49.203	ug/l	88
82) 4-Chlorotoluene	12.855	91	365058	51.057	ug/l	99
83) tert-Butylbenzene	13.075	119	375933	50.895	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	421638	51.131	ug/l	97
85) sec-Butylbenzene	13.251	105	561895	51.373	ug/l	99
86) p-Isopropyltoluene	13.367	119	466831	51.433	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	238999	50.178	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	238287	49.284	ug/l	99
89) n-Butylbenzene	13.696	91	436370	50.841	ug/l	98
90) Hexachloroethane	13.959	117	82053	47.943	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	216859	50.349	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18142	50.540	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	137783	50.880	ug/l	98
94) Hexachlorobutadiene	15.111	225	74326	49.937	ug/l	98
95) Naphthalene	15.239	128	286737	50.765	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	119220	50.021	ug/l	99

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

