

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008263.D
 Acq On : 11 Apr 2022 10:21
 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 :Krupa Patel 04/12/2022
 Supervised By :Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 06:55:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	244821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67362	43.475	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.960%		
35) Dibromofluoromethane	7.716	113	76501	48.621	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.240%		
50) Toluene-d8	10.185	98	274261	50.941	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.880%		
62) 4-Bromofluorobenzene	12.483	95	97289	48.043	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54792	40.110	ug/l	98
3) Chloromethane	2.119	50	70231	44.834	ug/l	96
4) Vinyl Chloride	2.253	62	94909	40.388	ug/l	98
5) Bromomethane	2.656	94	77250	41.556	ug/l	96
6) Chloroethane	2.796	64	66494	40.400	ug/l	99
7) Trichlorofluoromethane	3.131	101	118203	42.273	ug/l	93
8) Diethyl Ether	3.528	74	40608	40.185	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	76848	42.310	ug/l	94
10) Methyl Iodide	4.095	142	88821	44.057	ug/l	89
11) Tert butyl alcohol	4.954	59	34978	211.160	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	71120	43.713	ug/l	84
13) Acrolein	3.735	56	32561	249.646	ug/l	97
14) Allyl chloride	4.485	41	93195	43.891	ug/l #	89
15) Acrylonitrile	5.161	53	101509	205.379	ug/l	97
16) Acetone	3.948	43	89506	240.172	ug/l #	86
17) Carbon Disulfide	4.198	76	180445	42.041	ug/l	100
18) Methyl Acetate	4.479	43	41769	45.815	ug/l #	78
19) Methyl tert-butyl Ether	5.222	73	214089	42.640	ug/l	94
20) Methylene Chloride	4.722	84	81352	39.724	ug/l #	75
21) trans-1,2-Dichloroethene	5.222	96	84681	43.441	ug/l #	81
22) Diisopropyl ether	6.119	45	214658	42.850	ug/l #	91
23) Vinyl Acetate	6.058	43	698590	215.218	ug/l #	86
24) 1,1-Dichloroethane	6.021	63	139826	43.483	ug/l	98
25) 2-Butanone	6.984	43	126006	216.231	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	134504	45.421	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	101259	43.781	ug/l	80
28) Bromochloromethane	7.338	49	61235	49.682	ug/l #	64
29) Tetrahydrofuran	7.344	42	77446	205.845	ug/l #	70
30) Chloroform	7.509	83	155391	43.277	ug/l	100
31) Cyclohexane	7.789	56	111645	39.847	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	141991	45.206	ug/l	94
36) 1,1-Dichloropropene	7.917	75	113350	45.114	ug/l	95
37) Ethyl Acetate	7.076	43	54856	42.343	ug/l #	90
38) Carbon Tetrachloride	7.905	117	126183	46.682	ug/l	99
39) Methylcyclohexane	9.185	83	141238	43.690	ug/l #	83
40) Benzene	8.161	78	332190	44.399	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	32301m	44.568	ug/l	
42) 1,2-Dichloroethane	8.240	62	92917	42.806	ug/l	89
43) Isopropyl Acetate	8.271	43	103562	43.072	ug/l #	84
44) Trichloroethene	8.941	130	98149	46.030	ug/l	100
45) 1,2-Dichloropropane	9.216	63	80391	43.984	ug/l	97
46) Dibromomethane	9.307	93	52400	43.316	ug/l	97
47) Bromodichloromethane	9.496	83	121672	44.723	ug/l	98
48) Methyl methacrylate	9.295	41	43341	42.403	ug/l #	73
49) 1,4-Dioxane	9.295	88	14091	902.624	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	272442	219.440	ug/l #	82
52) Toluene	10.246	92	224210	45.483	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	123986	44.718	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	141304	45.174	ug/l #	81
55) 1,1,2-Trichloroethane	10.648	97	75675	43.854	ug/l	97
56) Ethyl methacrylate	10.514	69	95102	44.952	ug/l #	72
57) 1,3-Dichloropropane	10.795	76	119218	43.022	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	177326	212.786	ug/l #	88
59) 2-Hexanone	10.837	43	195387	228.712	ug/l	79
60) Dibromochloromethane	10.990	129	93500	46.386	ug/l	100
61) 1,2-Dibromoethane	11.093	107	72755	43.123	ug/l	99
64) Tetrachloroethene	10.721	164	81520	47.244	ug/l	98
65) Chlorobenzene	11.520	112	248759	46.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	95345	48.125	ug/l	97
67) Ethyl Benzene	11.593	91	430080	47.634	ug/l	96
68) m/p-Xylenes	11.703	106	346520	96.502	ug/l	90
69) o-Xylene	12.032	106	166170	47.687	ug/l	88
70) Styrene	12.050	104	278135	48.398	ug/l	94
71) Bromoform	12.209	173	58402	48.903	ug/l #	98
73) Isopropylbenzene	12.331	105	438793	48.192	ug/l	98
74) N-amyl acetate	12.148	43	91864	46.472	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.587	83	87954	45.652	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	58963m	43.533	ug/l	
77) Bromobenzene	12.611	156	105232	47.164	ug/l	87
78) n-propylbenzene	12.672	91	513522	47.796	ug/l	96
79) 2-Chlorotoluene	12.758	91	283852	47.076	ug/l	93
80) 1,3,5-Trimethylbenzene	12.819	105	359084	48.096	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	29350	48.485	ug/l #	81
82) 4-Chlorotoluene	12.861	91	293905	47.432	ug/l	94
83) tert-Butylbenzene	13.081	119	333876	49.848	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	354713	48.008	ug/l	96
85) sec-Butylbenzene	13.257	105	475820	47.918	ug/l	98
86) p-Isopropyltoluene	13.373	119	403029	48.638	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	211499	47.863	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	210609	48.157	ug/l	97
89) n-Butylbenzene	13.703	91	354821	47.394	ug/l	97
90) Hexachloroethane	13.965	117	76691	49.518	ug/l	87
91) 1,2-Dichlorobenzene	13.745	146	185418	47.164	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12566	45.587	ug/l	66
93) 1,2,4-Trichlorobenzene	15.013	180	106642	45.863	ug/l	99
94) Hexachlorobutadiene	15.117	225	53332	45.178	ug/l	99
95) Naphthalene	15.245	128	228876	45.952	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	91308	44.873	ug/l	98

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

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