

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010381.D
 Acq On : 07 Sep 2022 18:49
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 04:14:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	262900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	408285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	374437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136019	50.457	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.920%			
35) Dibromofluoromethane	7.716	113	129229	47.545	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.100%			
50) Toluene-d8	10.179	98	491535	54.015	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.477	95	174247	47.496	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	90703	43.219	ug/l	98
3) Chloromethane	2.107	50	142257	49.644	ug/l	97
4) Vinyl Chloride	2.247	62	173353	55.525	ug/l	100
5) Bromomethane	2.644	94	114058	66.935	ug/l	99
6) Chloroethane	2.784	64	115198	60.320	ug/l	100
7) Trichlorofluoromethane	3.119	101	223498	51.071	ug/l	94
8) Diethyl Ether	3.521	74	74605	47.709	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	133295	49.318	ug/l	96
10) Methyl Iodide	4.082	142	164104	50.469	ug/l	91
11) Tert butyl alcohol	4.948	59	79920	247.811	ug/l	97
12) 1,1-Dichloroethene	3.869	96	124111	47.423	ug/l	83
13) Acrolein	3.723	56	99827	292.400	ug/l	98
14) Allyl chloride	4.473	41	187150	40.629	ug/l #	94
15) Acrylonitrile	5.155	53	201411	247.186	ug/l	99
16) Acetone	3.942	43	159139	236.146	ug/l #	88
17) Carbon Disulfide	4.186	76	342037	42.906	ug/l	99
18) Methyl Acetate	4.473	43	98501	47.099	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	356509	46.597	ug/l	96
20) Methylene Chloride	4.710	84	146262	44.975	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	139918	47.179	ug/l	87
22) Diisopropyl ether	6.119	45	410762	43.877	ug/l #	91
23) Vinyl Acetate	6.051	43	1367099	232.904	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	245409	45.504	ug/l	98
25) 2-Butanone	6.978	43	267401	241.780	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	224921	45.790	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	166610	49.158	ug/l	86
28) Bromochloromethane	7.332	49	89573	47.512	ug/l #	81
29) Tetrahydrofuran	7.344	42	172788	243.865	ug/l #	86
30) Chloroform	7.502	83	259800	48.918	ug/l	99
31) Cyclohexane	7.777	56	217333	41.328	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	235607	48.687	ug/l	96
36) 1,1-Dichloropropene	7.911	75	194668	48.814	ug/l	96
37) Ethyl Acetate	7.070	43	115612	50.564	ug/l #	94
38) Carbon Tetrachloride	7.899	117	220203	53.578	ug/l	98
39) Methylcyclohexane	9.179	83	245461	47.676	ug/l	90
40) Benzene	8.155	78	562484	49.249	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	67815m	52.610	ug/l	
42) 1,2-Dichloroethane	8.234	62	172277	52.023	ug/l	92
43) Isopropyl Acetate	8.271	43	211398	48.504	ug/l #	92
44) Trichloroethene	8.935	130	166547	53.118	ug/l	98
45) 1,2-Dichloropropane	9.216	63	138990	47.765	ug/l	96
46) Dibromomethane	9.301	93	86215	53.944	ug/l	97
47) Bromodichloromethane	9.496	83	203400	51.751	ug/l	98
48) Methyl methacrylate	9.289	41	99931	49.154	ug/l #	88
49) 1,4-Dioxane	9.295	88	25632	1165.553	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	593875	264.108	ug/l	91
52) Toluene	10.240	92	369238	50.538	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	207918	49.047	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	234589	49.076	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	121309	53.469	ug/l	98
56) Ethyl methacrylate	10.508	69	169073	50.441	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	203081	51.355	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	208140	230.875	ug/l	92
59) 2-Hexanone	10.831	43	414010	265.517	ug/l	90
60) Dibromochloromethane	10.984	129	149433	54.661	ug/l	99
61) 1,2-Dibromoethane	11.087	107	118624	54.105	ug/l	100
64) Tetrachloroethene	10.715	164	164781	53.962	ug/l	98
65) Chlorobenzene	11.514	112	404017	50.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	152970	52.211	ug/l	99
67) Ethyl Benzene	11.593	91	720153	49.288	ug/l	98
68) m/p-Xylenes	11.703	106	565642	101.342	ug/l	93
69) o-Xylene	12.026	106	270932	49.995	ug/l	92
70) Styrene	12.044	104	459007	50.847	ug/l	96
71) Bromoform	12.209	173	100471	55.475	ug/l #	100
73) Isopropylbenzene	12.331	105	718562	47.065	ug/l	99
74) N-amyl acetate	12.142	43	191379	45.435	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	142622	48.607	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	110988m	48.736	ug/l	
77) Bromobenzene	12.605	156	172428	49.646	ug/l	94
78) n-propylbenzene	12.672	91	857067	46.764	ug/l	98
79) 2-Chlorotoluene	12.758	91	476078	45.959	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	598704	46.804	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	50288	46.066	ug/l	91
82) 4-Chlorotoluene	12.855	91	496394	46.540	ug/l	97
83) tert-Butylbenzene	13.075	119	536184	48.247	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	599277	47.707	ug/l	98
85) sec-Butylbenzene	13.251	105	788135	47.955	ug/l	98
86) p-Isopropyltoluene	13.367	119	668775	49.264	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	342268	50.753	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	335418	50.025	ug/l	99
89) n-Butylbenzene	13.696	91	606095	47.229	ug/l	98
90) Hexachloroethane	13.959	117	124037	47.600	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	304331	50.633	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25130	48.604	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	192064	51.626	ug/l	99
94) Hexachlorobutadiene	15.111	225	110702	50.768	ug/l	99
95) Naphthalene	15.233	128	411947	53.365	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	167542	53.173	ug/l	99

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

