

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 19:41
 Operator : KP/MD
 Sample : VY0808SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBS01

Quant Time: Aug 09 02:14:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	61669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	104142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	99136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25393	52.935	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.860%			
35) Dibromofluoromethane	7.704	113	26856	47.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.020%			
50) Toluene-d8	10.173	98	85473	49.898	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.800%			
62) 4-Bromofluorobenzene	12.477	95	40961	51.891	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	10051	19.105	ug/l	97
3) Chloromethane	2.101	50	11454	17.508	ug/l	99
4) Vinyl Chloride	2.235	62	12091	17.764	ug/l	90
5) Bromomethane	2.625	94	9055	19.553	ug/l	97
6) Chloroethane	2.772	64	7639	18.564	ug/l	95
7) Trichlorofluoromethane	3.101	101	21401	19.381	ug/l	98
8) Diethyl Ether	3.515	74	7463	19.407	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.875	101	12126	19.151	ug/l	97
10) Methyl Iodide	4.076	142	11428	15.721	ug/l	100
11) Tert butyl alcohol	4.954	59	8093	115.756	ug/l	98
12) 1,1-Dichloroethene	3.851	96	10933	18.647	ug/l	97
13) Acrolein	3.723	56	1060	138.893	ug/l	99
14) Allyl chloride	4.460	41	19997	18.303	ug/l	97
15) Acrylonitrile	5.149	53	20314	98.617	ug/l	98
16) Acetone	3.936	43	16025	92.120	ug/l	97
17) Carbon Disulfide	4.174	76	28371	15.178	ug/l	97
18) Methyl Acetate	4.466	43	11110	19.624	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	32108	19.625	ug/l	99
20) Methylene Chloride	4.698	84	23425	23.674	ug/l	94
21) trans-1,2-Dichloroethene	5.198	96	12448	18.535	ug/l	98
22) Diisopropyl ether	6.100	45	46293	20.164	ug/l	94
23) Vinyl Acetate	6.045	43	141078	98.129	ug/l	96
24) 1,1-Dichloroethane	6.003	63	23832	19.208	ug/l	98
25) 2-Butanone	6.984	43	27555	96.188	ug/l #	87
26) 2,2-Dichloropropane	6.966	77	20410	18.947	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	14629	19.193	ug/l	95
28) Bromochloromethane	7.320	49	8635	19.978	ug/l	88
29) Tetrahydrofuran	7.338	42	18294	97.833	ug/l	94
30) Chloroform	7.496	83	24829	19.907	ug/l	98
31) Cyclohexane	7.771	56	21049	17.582	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	20271	19.265	ug/l	95
36) 1,1-Dichloropropene	7.905	75	18084	18.957	ug/l	98
37) Ethyl Acetate	7.064	43	12916	20.407	ug/l	96
38) Carbon Tetrachloride	7.887	117	18718	19.770	ug/l	97
39) Methylcyclohexane	9.179	83	19472	17.312	ug/l	95
40) Benzene	8.149	78	55499	19.409	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	6730m	19.468	ug/l	
42) 1,2-Dichloroethane	8.228	62	15700	19.789	ug/l	99
43) Isopropyl Acetate	8.265	43	22886	20.313	ug/l	95
44) Trichloroethene	8.935	130	14042	18.956	ug/l	89
45) 1,2-Dichloropropane	9.210	63	14798	19.948	ug/l	98
46) Dibromomethane	9.301	93	8175	19.714	ug/l	97
47) Bromodichloromethane	9.490	83	18851	19.811	ug/l	100
48) Methyl methacrylate	9.289	41	9411	18.778	ug/l	97
49) 1,4-Dioxane	9.289	88	1973	414.495	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	62696	100.689	ug/l	96
52) Toluene	10.240	92	34487	19.487	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	19026	19.069	ug/l	93
54) cis-1,3-Dichloropropene	9.923	75	21867	19.210	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	11876	19.839	ug/l	94
56) Ethyl methacrylate	10.508	69	14815	19.142	ug/l	90
57) 1,3-Dichloropropane	10.788	76	20173	20.092	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	39864	111.335	ug/l	96
59) 2-Hexanone	10.831	43	42306	99.539	ug/l	95
60) Dibromochloromethane	10.977	129	13623	19.768	ug/l	97
61) 1,2-Dibromoethane	11.081	107	11276	19.812	ug/l	100
64) Tetrachloroethene	10.715	164	13837	19.055	ug/l	96
65) Chlorobenzene	11.514	112	38507	19.564	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	14336	20.150	ug/l	96
67) Ethyl Benzene	11.587	91	65990	19.358	ug/l	98
68) m/p-Xylenes	11.703	106	51029	39.126	ug/l	95
69) o-Xylene	12.026	106	23791	19.433	ug/l	100
70) Styrene	12.038	104	41298	19.669	ug/l	98
71) Bromoform	12.209	173	8881	20.210	ug/l #	96
73) Isopropylbenzene	12.325	105	64039	19.572	ug/l	99
74) N-amyl acetate	12.142	43	19937	18.779	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	15285	20.376	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	10263m	19.132	ug/l	
77) Bromobenzene	12.605	156	15659	19.818	ug/l	91
78) n-propylbenzene	12.666	91	81725	19.662	ug/l	98
79) 2-Chlorotoluene	12.752	91	45223	19.440	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	54237	19.796	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	5132	19.342	ug/l	97
82) 4-Chlorotoluene	12.849	91	47418	19.335	ug/l	99
83) tert-Butylbenzene	13.075	119	45164	19.070	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	53840	19.894	ug/l	100
85) sec-Butylbenzene	13.251	105	72664	19.983	ug/l	98
86) p-Isopropyltoluene	13.367	119	58428	19.848	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	32135	20.334	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	32112	19.976	ug/l	98
89) n-Butylbenzene	13.697	91	54762	19.044	ug/l	97
90) Hexachloroethane	13.959	117	12334	20.109	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	28743	19.954	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2321	19.344	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	15722	19.256	ug/l	99
94) Hexachlorobutadiene	15.111	225	8874	19.136	ug/l	96
95) Naphthalene	15.233	128	33312	19.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	14336	19.735	ug/l	98

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ALS Vial : 14 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

