

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 23:12
 Operator : KP/MD
 Sample : VY0808SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBS02

Quant Time: Aug 09 02:18:05 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	57673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	98947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	93531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	23335	51.902	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.800%			
35) Dibromofluoromethane	7.710	113	25124	46.775	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.540%			
50) Toluene-d8	10.173	98	79465	48.660	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.320%			
62) 4-Bromofluorobenzene	12.477	95	37299	49.733	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	9215	18.729	ug/l	95
3) Chloromethane	2.101	50	10978	17.944	ug/l	92
4) Vinyl Chloride	2.241	62	11589	18.207	ug/l	96
5) Bromomethane	2.631	94	8481	19.583	ug/l	98
6) Chloroethane	2.778	64	7488	19.458	ug/l	98
7) Trichlorofluoromethane	3.107	101	19228	18.620	ug/l	98
8) Diethyl Ether	3.515	74	7079	19.684	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.875	101	11285	19.058	ug/l	94
10) Methyl Iodide	4.070	142	10968	16.133	ug/l	98
11) Tert butyl alcohol	4.954	59	6850	104.765	ug/l #	90
12) 1,1-Dichloroethene	3.851	96	9747	17.776	ug/l	90
13) Acrolein	3.716	56	1013	141.932	ug/l	99
14) Allyl chloride	4.460	41	18278	17.889	ug/l	98
15) Acrylonitrile	5.149	53	19734	102.440	ug/l	97
16) Acetone	3.942	43	15760	96.874	ug/l	89
17) Carbon Disulfide	4.180	76	26679	15.262	ug/l	97
18) Methyl Acetate	4.460	43	11220	21.413	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	30583	19.988	ug/l	99
20) Methylene Chloride	4.698	84	19409	19.767	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	11580	18.437	ug/l	94
22) Diisopropyl ether	6.106	45	43466	20.244	ug/l	97
23) Vinyl Acetate	6.045	43	131016	97.444	ug/l	95
24) 1,1-Dichloroethane	6.003	63	22432	19.332	ug/l	97
25) 2-Butanone	6.978	43	26545	99.083	ug/l	96
26) 2,2-Dichloropropane	6.972	77	16700	16.577	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	13849	19.429	ug/l	98
28) Bromochloromethane	7.319	49	8173	20.219	ug/l	90
29) Tetrahydrofuran	7.338	42	17500	100.071	ug/l	94
30) Chloroform	7.496	83	23264	19.944	ug/l	99
31) Cyclohexane	7.771	56	19296	17.235	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	19114	19.424	ug/l	97
36) 1,1-Dichloropropene	7.911	75	16173	17.844	ug/l	99
37) Ethyl Acetate	7.063	43	11667	19.402	ug/l	97
38) Carbon Tetrachloride	7.886	117	16752	18.623	ug/l	97
39) Methylcyclohexane	9.173	83	18278	17.104	ug/l	91
40) Benzene	8.149	78	52239	19.228	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6481m	19.732	ug/l	
42) 1,2-Dichloroethane	8.228	62	14864	19.719	ug/l	99
43) Isopropyl Acetate	8.271	43	21729	20.299	ug/l	96
44) Trichloroethene	8.929	130	13615	19.345	ug/l	97
45) 1,2-Dichloropropane	9.209	63	14054	19.940	ug/l	96
46) Dibromomethane	9.301	93	7782	19.751	ug/l	96
47) Bromodichloromethane	9.490	83	18096	20.016	ug/l	97
48) Methyl methacrylate	9.289	41	8850	18.586	ug/l	95
49) 1,4-Dioxane	9.289	88	1769	391.150	ug/l	88
51) 4-Methyl-2-Pentanone	10.063	43	60152	101.676	ug/l	96
52) Toluene	10.240	92	31877	18.958	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	17265	18.213	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	19909	18.409	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	10997	19.335	ug/l	96
56) Ethyl methacrylate	10.508	69	14157	19.253	ug/l	90
57) 1,3-Dichloropropane	10.782	76	18739	19.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	38418	112.930	ug/l	96
59) 2-Hexanone	10.831	43	40879	101.232	ug/l	95
60) Dibromochloromethane	10.977	129	13005	19.862	ug/l	99
61) 1,2-Dibromoethane	11.081	107	10492	19.402	ug/l	97
64) Tetrachloroethene	10.715	164	12248	17.878	ug/l	97
65) Chlorobenzene	11.514	112	34999	18.848	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	12917	19.244	ug/l	94
67) Ethyl Benzene	11.587	91	59704	18.564	ug/l	97
68) m/p-Xylenes	11.697	106	46217	37.560	ug/l	97
69) o-Xylene	12.026	106	22466	19.451	ug/l	97
70) Styrene	12.038	104	38745	19.559	ug/l	99
71) Bromoform	12.203	173	8413	20.292	ug/l #	99
73) Isopropylbenzene	12.325	105	57169	18.274	ug/l	100
74) N-amyl acetate	12.142	43	19587	19.296	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	13966	19.472	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	9517m	18.555	ug/l	
77) Bromobenzene	12.605	156	14616	19.347	ug/l	94
78) n-propylbenzene	12.666	91	74389	18.718	ug/l	98
79) 2-Chlorotoluene	12.751	91	41304	18.570	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	49389	18.854	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	4409	17.379	ug/l	98
82) 4-Chlorotoluene	12.849	91	43500	18.551	ug/l	100
83) tert-Butylbenzene	13.075	119	42866	18.930	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	48278	18.658	ug/l	99
85) sec-Butylbenzene	13.251	105	66051	18.998	ug/l	100
86) p-Isopropyltoluene	13.367	119	53863	19.137	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	29797	19.720	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	30133	19.605	ug/l	98
89) n-Butylbenzene	13.696	91	50868	18.502	ug/l	97
90) Hexachloroethane	13.959	117	11823	20.160	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	27355	19.862	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2514	21.913	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	15844	20.296	ug/l	99
94) Hexachlorobutadiene	15.111	225	9086	20.492	ug/l	99
95) Naphthalene	15.233	128	32138	19.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	13462	19.383	ug/l	97

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ALS Vial : 23 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

