

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY080822.D
 Acq On : 08 Aug 2022 23:35
 Operator : KP/MD
 Sample : VY0808SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0808SBS02

Quant Time: Aug 09 02:18:54 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	59806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	102678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	95029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24240	52.004	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.000%			
35) Dibromofluoromethane	7.709	113	26724	47.946	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.900%			
50) Toluene-d8	10.172	98	83054	49.065	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.477	95	38731	49.766	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	9328	18.283	ug/l	98
3) Chloromethane	2.107	50	11600	18.284	ug/l	95
4) Vinyl Chloride	2.241	62	12225	18.521	ug/l	100
5) Bromomethane	2.631	94	8266	18.406	ug/l	98
6) Chloroethane	2.771	64	7620	19.095	ug/l	100
7) Trichlorofluoromethane	3.107	101	19639	18.339	ug/l	99
8) Diethyl Ether	3.515	74	7561	20.274	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.887	101	12002	19.545	ug/l	94
10) Methyl Iodide	4.070	142	12101	17.165	ug/l	98
11) Tert butyl alcohol	4.954	59	7261	107.091	ug/l	96
12) 1,1-Dichloroethene	3.856	96	10051	17.677	ug/l	94
13) Acrolein	3.710	56	1080	145.922	ug/l	94
14) Allyl chloride	4.460	41	19109	18.035	ug/l	97
15) Acrylonitrile	5.149	53	20665	103.447	ug/l	99
16) Acetone	3.942	43	16017	94.942	ug/l	97
17) Carbon Disulfide	4.180	76	28052	15.475	ug/l	97
18) Methyl Acetate	4.466	43	11336	20.792	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	31282	19.716	ug/l	99
20) Methylene Chloride	4.704	84	20412	20.197	ug/l	91
21) trans-1,2-Dichloroethene	5.198	96	11831	18.165	ug/l	99
22) Diisopropyl ether	6.106	45	44791	20.117	ug/l	95
23) Vinyl Acetate	6.045	43	135729	97.349	ug/l	96
24) 1,1-Dichloroethane	5.996	63	22722	18.884	ug/l	98
25) 2-Butanone	6.978	43	27170	97.798	ug/l	98
26) 2,2-Dichloropropane	6.966	77	16919	16.196	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	14267	19.302	ug/l	99
28) Bromochloromethane	7.325	49	8374	19.977	ug/l	90
29) Tetrahydrofuran	7.344	42	18858	103.991	ug/l	92
30) Chloroform	7.496	83	23606	19.516	ug/l	99
31) Cyclohexane	7.770	56	19533	16.824	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	19691	19.297	ug/l	97
36) 1,1-Dichloropropene	7.904	75	16631	17.683	ug/l	98
37) Ethyl Acetate	7.063	43	13018	20.862	ug/l	97
38) Carbon Tetrachloride	7.886	117	17334	18.570	ug/l	96
39) Methylcyclohexane	9.179	83	18385	16.579	ug/l	94
40) Benzene	8.148	78	53365	18.929	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	7450m	21.858	ug/l	
42) 1,2-Dichloroethane	8.228	62	15203	19.436	ug/l	99
43) Isopropyl Acetate	8.264	43	21605	19.450	ug/l	97
44) Trichloroethene	8.935	130	13626	18.657	ug/l	99
45) 1,2-Dichloropropane	9.209	63	14262	19.500	ug/l	96
46) Dibromomethane	9.301	93	7991	19.545	ug/l	96
47) Bromodichloromethane	9.490	83	18387	19.598	ug/l	99
48) Methyl methacrylate	9.288	41	9467	19.159	ug/l	94
49) 1,4-Dioxane	9.294	88	1938	412.947	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	61613	100.361	ug/l	96
52) Toluene	10.239	92	32465	18.606	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	17640	17.932	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	20140	17.945	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	11588	19.634	ug/l	97
56) Ethyl methacrylate	10.508	69	14175	18.577	ug/l	90
57) 1,3-Dichloropropane	10.788	76	18909	19.102	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	40320	114.215	ug/l	96
59) 2-Hexanone	10.831	43	41857	99.887	ug/l	95
60) Dibromochloromethane	10.983	129	12791	18.825	ug/l	96
61) 1,2-Dibromoethane	11.087	107	10443	18.610	ug/l	95
64) Tetrachloroethene	10.715	164	12380	17.786	ug/l	98
65) Chlorobenzene	11.514	112	35868	19.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	13545	19.861	ug/l	98
67) Ethyl Benzene	11.587	91	60023	18.369	ug/l	96
68) m/p-Xylenes	11.696	106	46529	37.218	ug/l	96
69) o-Xylene	12.026	106	22318	19.018	ug/l	100
70) Styrene	12.038	104	38722	19.239	ug/l	99
71) Bromoform	12.202	173	8406	19.956	ug/l #	98
73) Isopropylbenzene	12.324	105	58037	18.830	ug/l	99
74) N-amyl acetate	12.142	43	20024	20.023	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.580	83	14604	20.667	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	9873m	19.538	ug/l	
77) Bromobenzene	12.605	156	14682	19.726	ug/l	91
78) n-propylbenzene	12.666	91	73722	18.829	ug/l	98
79) 2-Chlorotoluene	12.757	91	43176	19.703	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	49831	19.309	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	4610	18.445	ug/l	94
82) 4-Chlorotoluene	12.849	91	44082	19.082	ug/l	99
83) tert-Butylbenzene	13.074	119	42829	19.198	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	50166	19.678	ug/l	99
85) sec-Butylbenzene	13.251	105	65970	19.259	ug/l	99
86) p-Isopropyltoluene	13.367	119	53103	19.150	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	30205	20.290	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	30072	19.859	ug/l	99
89) n-Butylbenzene	13.696	91	52374	19.336	ug/l	96
90) Hexachloroethane	13.958	117	11406	19.741	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	26836	19.778	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2286	20.225	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	15193	19.754	ug/l	97
94) Hexachlorobutadiene	15.111	225	8632	19.761	ug/l	98
95) Naphthalene	15.232	128	31857	19.783	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	14036	20.513	ug/l	99

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

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