

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010442.D
 Acq On : 12 Sep 2022 13:06
 Operator : KP/MD
 Sample : VY0912SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0912SBS01

Quant Time: Sep 13 05:11:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/13/2022
 Supervised By :Mahesh Dadoda 09/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	241072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	339545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127991	52.715	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.420%			
35) Dibromofluoromethane	7.710	113	127129	47.530	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.060%			
50) Toluene-d8	10.179	98	477747	55.113	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.220%			
62) 4-Bromofluorobenzene	12.477	95	167244	48.488	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	42283	23.104	ug/l	99
3) Chloromethane	2.107	50	66036	24.382	ug/l	97
4) Vinyl Chloride	2.241	62	75911	22.718	ug/l	100
5) Bromomethane	2.631	94	51580	22.034	ug/l	97
6) Chloroethane	2.784	64	48161	21.549	ug/l	96
7) Trichlorofluoromethane	3.113	101	91685	21.662	ug/l	95
8) Diethyl Ether	3.521	74	28576	20.846	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	53188	21.463	ug/l	96
10) Methyl Iodide	4.076	142	60009	19.569	ug/l	90
11) Tert butyl alcohol	4.954	59	23336	63.098	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	50018	21.515	ug/l	83
13) Acrolein	3.723	56	21255	91.762	ug/l	99
14) Allyl chloride	4.466	41	72521	21.662	ug/l #	94
15) Acrylonitrile	5.155	53	68884	103.805	ug/l	98
16) Acetone	3.942	43	57783	103.703	ug/l	94
17) Carbon Disulfide	4.180	76	140781	22.393	ug/l	99
18) Methyl Acetate	4.472	43	35784	20.875	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	132951	20.708	ug/l	97
20) Methylene Chloride	4.704	84	67349	20.972	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	56234	21.303	ug/l	87
22) Diisopropyl ether	6.112	45	158646	21.226	ug/l #	92
23) Vinyl Acetate	6.051	43	468746	102.341	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	97101	21.460	ug/l	98
25) 2-Butanone	6.984	43	87904	99.269	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	88093	20.403	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	64537	21.033	ug/l	86
28) Bromochloromethane	7.326	49	25202	17.372	ug/l	83
29) Tetrahydrofuran	7.344	42	56446	102.134	ug/l #	85
30) Chloroform	7.502	83	101470	21.142	ug/l	100
31) Cyclohexane	7.783	56	88129	21.486	ug/l #	85
32) 1,1,1-Trichloroethane	7.697	97	92720	21.335	ug/l	97
36) 1,1-Dichloropropene	7.911	75	78760	21.509	ug/l	97
37) Ethyl Acetate	7.070	43	38032	19.758	ug/l #	93
38) Carbon Tetrachloride	7.893	117	85730	21.045	ug/l	98
39) Methylcyclohexane	9.179	83	94858	20.776	ug/l	89
40) Benzene	8.155	78	223541	21.207	ug/l	97

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41) Methacrylonitrile	7.313	41	22489m	20.436	ug/l	
42) 1,2-Dichloroethane	8.228	62	65218	20.806	ug/l	92
43) Isopropyl Acetate	8.271	43	68841	19.542	ug/l #	88
44) Trichloroethene	8.935	130	64369	20.746	ug/l	97
45) 1,2-Dichloropropane	9.209	63	54204	21.085	ug/l	98
46) Dibromomethane	9.301	93	32227	20.788	ug/l	98
47) Bromodichloromethane	9.490	83	77315	20.996	ug/l	98
48) Methyl methacrylate	9.289	41	31642	20.000	ug/l #	85
49) 1,4-Dioxane	9.295	88	8498	414.094	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	190527	98.603	ug/l	90
52) Toluene	10.240	92	145368	21.075	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	76889	20.290	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	88230	20.642	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	46400	21.041	ug/l	96
56) Ethyl methacrylate	10.508	69	55836	19.279	ug/l	84
57) 1,3-Dichloropropane	10.788	76	75531	20.598	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	118544	135.621	ug/l	93
59) 2-Hexanone	10.831	43	129023	97.957	ug/l	88
60) Dibromochloromethane	10.983	129	54840	20.350	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43964	20.537	ug/l	99
64) Tetrachloroethene	10.715	164	63601	20.782	ug/l	99
65) Chlorobenzene	11.514	112	156669	20.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	58365	20.753	ug/l	98
67) Ethyl Benzene	11.593	91	276133	20.547	ug/l	98
68) m/p-Xylenes	11.703	106	217067	41.142	ug/l	93
69) o-Xylene	12.026	106	103275	20.500	ug/l	91
70) Styrene	12.038	104	172436	20.223	ug/l	96
71) Bromoform	12.203	173	34982	19.895	ug/l #	100
73) Isopropylbenzene	12.325	105	275201	20.330	ug/l	100
74) N-amyl acetate	12.142	43	59575	18.862	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	50731	20.034	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	37682m	19.679	ug/l	
77) Bromobenzene	12.605	156	64898	20.233	ug/l	91
78) n-propylbenzene	12.666	91	327055	20.403	ug/l	97
79) 2-Chlorotoluene	12.751	91	181954	20.207	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	232973	20.398	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	16418	19.038	ug/l	90
82) 4-Chlorotoluene	12.855	91	187836	20.052	ug/l	97
83) tert-Butylbenzene	13.075	119	203100	20.345	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	228617	20.457	ug/l	99
85) sec-Butylbenzene	13.251	105	296801	20.079	ug/l	98
86) p-Isopropyltoluene	13.367	119	249841	19.981	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	129462	20.100	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	128613	20.165	ug/l	100
89) n-Butylbenzene	13.696	91	228061	20.094	ug/l	98
90) Hexachloroethane	13.959	117	48048	20.467	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	115839	20.305	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8283	19.379	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	69700	19.672	ug/l	97
94) Hexachlorobutadiene	15.111	225	43556	20.374	ug/l	97
95) Naphthalene	15.233	128	135011	19.319	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	60743	19.639	ug/l	98

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

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