

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010209.D
 Acq On : 25 Aug 2022 17:27
 Operator : KP/MD
 Sample : VY0825SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS03

Quant Time: Aug 26 06:47:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	160619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	246732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	77093	57.654	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.300%			
35) Dibromofluoromethane	7.704	113	83648	49.815	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.640%			
50) Toluene-d8	10.173	98	274904	47.176	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 94.360%			
62) 4-Bromofluorobenzene	12.477	95	114806	51.427	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 102.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19630	15.530	ug/l	100
3) Chloromethane	2.107	50	28753	21.213	ug/l	100
4) Vinyl Chloride	2.241	62	31417	21.246	ug/l	99
5) Bromomethane	2.631	94	25252	21.203	ug/l	95
6) Chloroethane	2.778	64	22054	20.953	ug/l	95
7) Trichlorofluoromethane	3.107	101	26702	16.009	ug/l	97
8) Diethyl Ether	3.521	74	21336	21.890	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.881	101	35703	21.325	ug/l	94
10) Methyl Iodide	4.076	142	34606	18.826	ug/l	89
11) Tert butyl alcohol	4.948	59	20768	113.491	ug/l	96
12) 1,1-Dichloroethene	3.857	96	30328	20.290	ug/l	85
13) Acrolein	3.717	56	8660	124.567	ug/l	97
14) Allyl chloride	4.466	41	56657	21.525	ug/l	90
15) Acrylonitrile	5.149	53	59885	113.851	ug/l	97
16) Acetone	3.942	43	50396	115.566	ug/l	90
17) Carbon Disulfide	4.174	76	65357	17.173	ug/l	99
18) Methyl Acetate	4.466	43	33045	24.493	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	96875	21.946	ug/l	98
20) Methylene Chloride	4.698	84	70329	31.871	ug/l	89
21) trans-1,2-Dichloroethene	5.198	96	34620	20.004	ug/l	89
22) Diisopropyl ether	6.112	45	139836	23.825	ug/l	92
23) Vinyl Acetate	6.045	43	410629	119.195	ug/l	96
24) 1,1-Dichloroethane	6.003	63	73601	22.009	ug/l	97
25) 2-Butanone	6.978	43	82712	114.232	ug/l	96
26) 2,2-Dichloropropane	6.966	77	63140	20.463	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	43833	20.989	ug/l	92
28) Bromochloromethane	7.326	49	24923	22.185	ug/l	92
29) Tetrahydrofuran	7.338	42	52460	119.919	ug/l	95
30) Chloroform	7.496	83	76347	22.024	ug/l	99
31) Cyclohexane	7.777	56	54981	20.080	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	62531	21.481	ug/l	97
36) 1,1-Dichloropropene	7.911	75	51458	20.837	ug/l	99
37) Ethyl Acetate	7.063	43	36443	23.086	ug/l	98
38) Carbon Tetrachloride	7.893	117	54142	20.699	ug/l	97
39) Methylcyclohexane	9.179	83	54303	19.827	ug/l	93
40) Benzene	8.149	78	159003	21.036	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	16838	21.377	ug/l #	57
42) 1,2-Dichloroethane	8.228	62	45571	21.690	ug/l	91
43) Isopropyl Acetate	8.264	43	64313	23.412	ug/l	95
44) Trichloroethene	8.935	130	42374	20.313	ug/l	99
45) 1,2-Dichloropropane	9.209	63	44043	22.183	ug/l	92
46) Dibromomethane	9.301	93	23927	21.846	ug/l	95
47) Bromodichloromethane	9.490	83	53374	19.799	ug/l	98
48) Methyl methacrylate	9.289	41	27870	23.604	ug/l	90
49) 1,4-Dioxane	9.295	88	5488	430.832	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	187385	124.532	ug/l	95
52) Toluene	10.240	92	102441	21.636	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	59235	22.177	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	66438	21.471	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	37211	22.393	ug/l	97
56) Ethyl methacrylate	10.508	69	45679	22.511	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	60171	22.313	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	103422	125.294	ug/l	99
59) 2-Hexanone	10.831	43	128420	126.098	ug/l	94
60) Dibromochloromethane	10.984	129	42308	21.594	ug/l	98
61) 1,2-Dibromoethane	11.087	107	33838	22.137	ug/l	100
64) Tetrachloroethene	10.715	164	42750	21.041	ug/l	98
65) Chlorobenzene	11.514	112	114760	21.343	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	44228	21.594	ug/l	96
67) Ethyl Benzene	11.593	91	197316	21.352	ug/l	97
68) m/p-Xylenes	11.697	106	152911	43.094	ug/l	94
69) o-Xylene	12.026	106	72699	21.467	ug/l	94
70) Styrene	12.044	104	127641	22.018	ug/l	94
71) Bromoform	12.203	173	27493	21.262	ug/l #	100
73) Isopropylbenzene	12.331	105	199902	21.397	ug/l	99
74) N-amyl acetate	12.142	43	59744	23.367	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	46444	22.604	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	31948m	21.417	ug/l	
77) Bromobenzene	12.605	156	48410	20.978	ug/l	97
78) n-propylbenzene	12.672	91	252756	21.745	ug/l	99
79) 2-Chlorotoluene	12.758	91	140948	21.543	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	171895	21.646	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15481	22.066	ug/l	87
82) 4-Chlorotoluene	12.855	91	147620	21.573	ug/l	98
83) tert-Butylbenzene	13.075	119	148098	21.705	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	171500	21.829	ug/l	97
85) sec-Butylbenzene	13.251	105	230537	22.193	ug/l	100
86) p-Isopropyltoluene	13.367	119	187096	22.084	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	98171	20.896	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	100948	21.306	ug/l	99
89) n-Butylbenzene	13.696	91	180407	22.194	ug/l	100
90) Hexachloroethane	13.959	117	39100	21.865	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	91157	21.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3378	13.482	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	28805	14.934	ug/l	99
94) Hexachlorobutadiene	15.111	225	17024	14.483	ug/l	98
95) Naphthalene	15.239	128	51172	14.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	25107	14.876	ug/l	98

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

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