

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009608.D
 Acq On : 20 Jul 2022 13:32
 Operator : KP/MD
 Sample : VY0720SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 02:12:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	238600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	117201	51.938	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.880%			
35) Dibromofluoromethane	7.710	113	119954	53.229	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.460%			
50) Toluene-d8	10.173	98	463499	53.502	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.477	95	157296	56.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 112.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	42714	20.402	ug/l	99
3) Chloromethane	2.107	50	55058	17.746	ug/l	97
4) Vinyl Chloride	2.241	62	59351	18.293	ug/l	98
5) Bromomethane	2.625	94	39388	17.936	ug/l	99
6) Chloroethane	2.778	64	34891	17.704	ug/l	92
7) Trichlorofluoromethane	3.107	101	85542	22.250	ug/l	97
8) Diethyl Ether	3.515	74	27945	22.216	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	49420	21.982	ug/l	95
10) Methyl Iodide	4.076	142	61043	20.440	ug/l	88
11) Tert butyl alcohol	4.954	59	22589	81.372	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	47721	21.749	ug/l	85
13) Acrolein	3.723	56	17883	110.850	ug/l	99
14) Allyl chloride	4.466	41	72983	21.502	ug/l #	90
15) Acrylonitrile	5.149	53	67752	109.057	ug/l	98
16) Acetone	3.936	43	53611	93.915	ug/l #	86
17) Carbon Disulfide	4.180	76	146229	21.437	ug/l	100
18) Methyl Acetate	4.460	43	35459	22.129	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	129283	22.356	ug/l	98
20) Methylene Chloride	4.698	84	61721	14.563	ug/l #	83
21) trans-1,2-Dichloroethene	5.204	96	54965	22.133	ug/l	86
22) Diisopropyl ether	6.106	45	158306	21.842	ug/l	94
23) Vinyl Acetate	6.045	43	489762	107.098	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	92150	22.013	ug/l	98
25) 2-Butanone	6.978	43	87316	104.861	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	79677	21.246	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	60126	21.898	ug/l	86
28) Bromochloromethane	7.326	49	35482	19.782	ug/l #	80
29) Tetrahydrofuran	7.338	42	60528	110.717	ug/l	90
30) Chloroform	7.496	83	93510	21.836	ug/l	99
31) Cyclohexane	7.777	56	84543	21.247	ug/l	88
32) 1,1,1-Trichloroethane	7.691	97	85325	22.214	ug/l	96
36) 1,1-Dichloropropene	7.911	75	73739	22.143	ug/l	96
37) Ethyl Acetate	7.063	43	40532	21.869	ug/l #	94
38) Carbon Tetrachloride	7.893	117	76980	22.083	ug/l	99
39) Methylcyclohexane	9.179	83	90170	21.960	ug/l	91
40) Benzene	8.155	78	213305	21.891	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18195m	20.458	ug/l	
42) 1,2-Dichloroethane	8.228	62	59712	21.844	ug/l	90
43) Isopropyl Acetate	8.264	43	72783	21.431	ug/l #	91
44) Trichloroethene	8.935	130	61159	22.069	ug/l	100
45) 1,2-Dichloropropane	9.209	63	52545	21.979	ug/l	97
46) Dibromomethane	9.301	93	31466	22.662	ug/l	97
47) Bromodichloromethane	9.490	83	72388	22.234	ug/l	98
48) Methyl methacrylate	9.289	41	34634	23.082	ug/l	87
49) 1,4-Dioxane	9.289	88	8577	463.427	ug/l #	84
51) 4-Methyl-2-Pentanone	10.063	43	196763	111.585	ug/l	91
52) Toluene	10.240	92	138434	22.428	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	74904	22.275	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	85598	22.387	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	44151	22.578	ug/l	96
56) Ethyl methacrylate	10.508	69	57023	22.793	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	72754	22.420	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	781137	541.146	ug/l	94
59) 2-Hexanone	10.825	43	137520	112.129	ug/l	90
60) Dibromochloromethane	10.977	129	53291	22.522	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43011	22.544	ug/l	100
64) Tetrachloroethene	10.715	164	59732	23.502	ug/l	99
65) Chlorobenzene	11.514	112	147812	22.273	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	55390	22.465	ug/l	97
67) Ethyl Benzene	11.587	91	258171	22.119	ug/l	97
68) m/p-Xylenes	11.697	106	207128	44.590	ug/l	92
69) o-Xylene	12.026	106	96906	22.293	ug/l	91
70) Styrene	12.044	104	163687	22.640	ug/l	95
71) Bromoform	12.203	173	35111	22.565	ug/l #	98
73) Isopropylbenzene	12.325	105	255580	22.005	ug/l	100
74) N-amyl acetate	12.142	43	68688	22.236	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	51477	22.130	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	36079m	22.577	ug/l	
77) Bromobenzene	12.605	156	64741	22.166	ug/l	90
78) n-propylbenzene	12.666	91	309788	22.073	ug/l	98
79) 2-Chlorotoluene	12.751	91	174311	22.401	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	213808	22.277	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	17892	22.076	ug/l	86
82) 4-Chlorotoluene	12.849	91	178326	22.090	ug/l	95
83) tert-Butylbenzene	13.074	119	188203	22.072	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	211354	22.020	ug/l	97
85) sec-Butylbenzene	13.251	105	280093	22.156	ug/l	99
86) p-Isopropyltoluene	13.367	119	235054	22.124	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	126893	21.962	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	126396	22.064	ug/l	99
89) n-Butylbenzene	13.696	91	216031	22.264	ug/l	99
90) Hexachloroethane	13.958	117	44804	21.889	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	113357	22.458	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8105	22.904	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	72530	22.895	ug/l	100
94) Hexachlorobutadiene	15.111	225	43673	23.238	ug/l	99
95) Naphthalene	15.233	128	138455	22.891	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	64198	23.069	ug/l	100

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

