

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009703.D
 Acq On : 26 Jul 2022 16:25
 Operator : KP/MD
 Sample : VY0726SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 04:26:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	228252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	346972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	301970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	72913	47.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.710	113	84880	44.979	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.960%		
50) Toluene-d8	10.173	98	257913	46.644	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	93.280%		
62) 4-Bromofluorobenzene	12.477	95	110125	44.010	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	88.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41670	20.507	ug/l	100
3) Chloromethane	2.107	50	54552	21.927	ug/l	96
4) Vinyl Chloride	2.241	62	58625	21.115	ug/l	99
5) Bromomethane	2.631	94	41636	21.632	ug/l	99
6) Chloroethane	2.778	64	35276	21.239	ug/l	100
7) Trichlorofluoromethane	3.107	101	76263	20.793	ug/l	94
8) Diethyl Ether	3.521	74	23791	20.012	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	42465	20.474	ug/l	94
10) Methyl Iodide	4.076	142	51047	18.969	ug/l	88
11) Tert butyl alcohol	4.948	59	23757	105.328	ug/l #	88
12) 1,1-Dichloroethene	3.857	96	40867	20.959	ug/l	85
13) Acrolein	3.710	56	4433	116.808	ug/l	98
14) Allyl chloride	4.466	41	62291	20.318	ug/l #	91
15) Acrylonitrile	5.149	53	56450	98.592	ug/l	98
16) Acetone	3.936	43	47678	87.364	ug/l	94
17) Carbon Disulfide	4.180	76	128294	21.385	ug/l	98
18) Methyl Acetate	4.472	43	28729	19.683	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	105678	19.847	ug/l	98
20) Methylene Chloride	4.704	84	78078	24.951	ug/l	85
21) trans-1,2-Dichloroethene	5.204	96	46139	20.364	ug/l	85
22) Diisopropyl ether	6.106	45	132183	20.246	ug/l #	94
23) Vinyl Acetate	6.051	43	414879	99.105	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	77216	20.408	ug/l	99
25) 2-Butanone	6.978	43	74318	92.311	ug/l	91
26) 2,2-Dichloropropane	6.972	77	70803	19.684	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	51670	20.331	ug/l	87
28) Bromochloromethane	7.319	49	26345	19.315	ug/l #	82
29) Tetrahydrofuran	7.338	42	50474	99.001	ug/l	90
30) Chloroform	7.496	83	80145	20.247	ug/l	98
31) Cyclohexane	7.777	56	73245	20.168	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	71725	20.187	ug/l	96
36) 1,1-Dichloropropene	7.911	75	63129	20.559	ug/l	96
37) Ethyl Acetate	7.063	43	35224	19.355	ug/l #	93
38) Carbon Tetrachloride	7.893	117	66482	20.206	ug/l	98
39) Methylcyclohexane	9.179	83	77225	20.303	ug/l	90
40) Benzene	8.155	78	185152	20.350	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18080	19.499	ug/l #	42
42) 1,2-Dichloroethane	8.228	62	51503	20.304	ug/l	92
43) Isopropyl Acetate	8.264	43	61559	19.360	ug/l #	91
44) Trichloroethene	8.935	130	53132	20.358	ug/l	99
45) 1,2-Dichloropropane	9.209	63	44893	20.323	ug/l	95
46) Dibromomethane	9.301	93	26185	19.924	ug/l	94
47) Bromodichloromethane	9.490	83	61163	20.258	ug/l	98
48) Methyl methacrylate	9.289	41	27452	19.634	ug/l #	86
49) 1,4-Dioxane	9.295	88	7351	433.083	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	165671	102.422	ug/l	92
52) Toluene	10.240	92	117549	20.627	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	62817	20.146	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	71616	19.998	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	37021	19.922	ug/l	97
56) Ethyl methacrylate	10.508	69	46700	20.172	ug/l #	81
57) 1,3-Dichloropropane	10.782	76	61026	20.193	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	76081	81.895	ug/l	95
59) 2-Hexanone	10.831	43	111739	96.931	ug/l	89
60) Dibromochloromethane	10.977	129	44662	19.871	ug/l	99
61) 1,2-Dibromoethane	11.081	107	35744	19.747	ug/l	99
64) Tetrachloroethene	10.715	164	49977	20.991	ug/l	97
65) Chlorobenzene	11.514	112	117302	19.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	44172	19.589	ug/l	98
67) Ethyl Benzene	11.587	91	199087	19.008	ug/l	98
68) m/p-Xylenes	11.697	106	162720	39.137	ug/l	91
69) o-Xylene	12.026	106	75091	19.313	ug/l	90
70) Styrene	12.038	104	125949	19.274	ug/l	94
71) Bromoform	12.203	173	28500	19.793	ug/l #	99
73) Isopropylbenzene	12.325	105	198628	18.462	ug/l	99
74) N-amyl acetate	12.142	43	45538	16.387	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	38111	18.009	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	26668m	17.740	ug/l	
77) Bromobenzene	12.605	156	51285	19.194	ug/l	84
78) n-propylbenzene	12.666	91	240384	18.801	ug/l	97
79) 2-Chlorotoluene	12.751	91	133385	18.434	ug/l	93
80) 1,3,5-Trimethylbenzene	12.806	105	167209	18.753	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	13176	17.471	ug/l	87
82) 4-Chlorotoluene	12.849	91	139240	18.498	ug/l	94
83) tert-Butylbenzene	13.075	119	154596	19.293	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	173037	19.254	ug/l	97
85) sec-Butylbenzene	13.251	105	238738	20.293	ug/l	98
86) p-Isopropyltoluene	13.367	119	199287	20.028	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	108377	20.089	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	107836	19.849	ug/l	99
89) n-Butylbenzene	13.696	91	181602	19.921	ug/l	99
90) Hexachloroethane	13.959	117	38250	19.541	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	95811	19.886	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6733	18.934	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	58566	19.259	ug/l	99
94) Hexachlorobutadiene	15.111	225	35231	19.135	ug/l	97
95) Naphthalene	15.233	128	108302	19.000	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	51139	19.227	ug/l	100

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

