

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009607.D
 Acq On : 20 Jul 2022 13:09
 Operator : KP/MD
 Sample : VY0720SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 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 02:12:26 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	230601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117087	53.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.380%	
35) Dibromofluoromethane	7.709	113	120738	54.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.180%	
50) Toluene-d8	10.172	98	462430	54.391	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.477	95	157765	57.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 114.540%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	43138	21.319	ug/l	98
3) Chloromethane	2.107	50	58056	19.361	ug/l	97
4) Vinyl Chloride	2.241	62	60556	19.312	ug/l	93
5) Bromomethane	2.631	94	40403	19.037	ug/l	99
6) Chloroethane	2.777	64	36046	18.924	ug/l	98
7) Trichlorofluoromethane	3.113	101	86319	23.231	ug/l	91
8) Diethyl Ether	3.521	74	28592	23.519	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	50604	23.289	ug/l	94
10) Methyl Iodide	4.076	142	63631	22.046	ug/l #	87
11) Tert butyl alcohol	4.942	59	22154	83.048	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	49028	23.120	ug/l	81
13) Acrolein	3.716	56	18145	116.375	ug/l	99
14) Allyl chloride	4.466	41	75691	23.073	ug/l #	89
15) Acrylonitrile	5.149	53	66849	111.336	ug/l	98
16) Acetone	3.936	43	56275	102.002	ug/l	92
17) Carbon Disulfide	4.180	76	146701	22.253	ug/l	100
18) Methyl Acetate	4.466	43	34435	22.235	ug/l #	90
19) Methyl tert-butyl Ether	5.210	73	128394	22.972	ug/l	98
20) Methylene Chloride	4.704	84	62607	15.900	ug/l #	82
21) trans-1,2-Dichloroethene	5.204	96	55540	23.140	ug/l	86
22) Diisopropyl ether	6.106	45	159898	22.826	ug/l #	93
23) Vinyl Acetate	6.045	43	487204	110.234	ug/l #	93
24) 1,1-Dichloroethane	6.002	63	93296	23.060	ug/l	97
25) 2-Butanone	6.978	43	87005	108.112	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	82659	22.806	ug/l	93
27) cis-1,2-Dichloroethene	6.972	96	61220	23.070	ug/l	87
28) Bromochloromethane	7.319	49	34713	20.025	ug/l #	80
29) Tetrahydrofuran	7.338	42	58407	110.544	ug/l	89
30) Chloroform	7.496	83	95467	23.067	ug/l	98
31) Cyclohexane	7.770	56	86218	22.420	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	86415	23.278	ug/l	95
36) 1,1-Dichloropropene	7.905	75	74321	22.741	ug/l	96
37) Ethyl Acetate	7.063	43	38644	21.246	ug/l #	95
38) Carbon Tetrachloride	7.892	117	78017	22.805	ug/l	98
39) Methylcyclohexane	9.179	83	92405	22.931	ug/l	90
40) Benzene	8.148	78	217826	22.779	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	15295	17.524	ug/l #	70
42) 1,2-Dichloroethane	8.228	62	59187	22.063	ug/l	89
43) Isopropyl Acetate	8.264	43	73282	21.988	ug/l #	92
44) Trichloroethene	8.935	130	62318	22.914	ug/l	96
45) 1,2-Dichloropropane	9.209	63	53107	22.636	ug/l	93
46) Dibromomethane	9.301	93	31193	22.892	ug/l	96
47) Bromodichloromethane	9.490	83	73103	22.879	ug/l	99
48) Methyl methacrylate	9.288	41	31883	21.652	ug/l #	83
49) 1,4-Dioxane	9.295	88	8226	452.897	ug/l	92
51) 4-Methyl-2-Pentanone	10.063	43	190134	109.872	ug/l	90
52) Toluene	10.240	92	139458	23.023	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	74713	22.640	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	86652	23.093	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	44039	22.949	ug/l	98
56) Ethyl methacrylate	10.508	69	55679	22.678	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	72165	22.661	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	121230	109.386	ug/l	94
59) 2-Hexanone	10.831	43	133883	111.235	ug/l	90
60) Dibromochloromethane	10.977	129	52659	22.677	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42402	22.647	ug/l	98
64) Tetrachloroethene	10.715	164	59405	24.036	ug/l	98
65) Chlorobenzene	11.514	112	150620	23.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54842	22.873	ug/l	96
67) Ethyl Benzene	11.587	91	261459	23.036	ug/l	98
68) m/p-Xylenes	11.697	106	209982	46.486	ug/l	91
69) o-Xylene	12.026	106	98430	23.285	ug/l	91
70) Styrene	12.044	104	164940	23.460	ug/l	94
71) Bromoform	12.203	173	34903	23.068	ug/l #	98
73) Isopropylbenzene	12.324	105	257793	22.636	ug/l	99
74) N-amyl acetate	12.142	43	66496	21.954	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	49789	21.830	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	35142m	22.427	ug/l	
77) Bromobenzene	12.605	156	64175	22.409	ug/l	90
78) n-propylbenzene	12.666	91	318968	23.179	ug/l	98
79) 2-Chlorotoluene	12.751	91	174935	22.928	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	218592	23.229	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	17291	21.759	ug/l	86
82) 4-Chlorotoluene	12.855	91	183773	23.217	ug/l	96
83) tert-Butylbenzene	13.074	119	193742	23.173	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	218978	23.268	ug/l	97
85) sec-Butylbenzene	13.251	105	287103	23.161	ug/l	99
86) p-Isopropyltoluene	13.367	119	240714	23.107	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	127406	22.489	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	129691	23.089	ug/l	97
89) n-Butylbenzene	13.696	91	222694	23.407	ug/l	99
90) Hexachloroethane	13.958	117	45301	22.572	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	114308	23.097	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7965	22.955	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	74027	23.832	ug/l	100
94) Hexachlorobutadiene	15.111	225	43842	23.792	ug/l	98
95) Naphthalene	15.233	128	138849	23.413	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	63693	23.343	ug/l	98

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

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