

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009582.D
 Acq On : 19 Jul 2022 12:18
 Operator : KP/MD
 Sample : VY0719SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0719SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Jul 19 15:10:13 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						07/20/2022
1) Pentafluorobenzene	7.783	168	204166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143876	50.000	ug/l	0.00
System Monitoring Compounds						07/20/2022
33) 1,2-Dichloroethane-d4	8.136	65	97740	50.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.240%	
35) Dibromofluoromethane	7.710	113	97265	50.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.200%	
50) Toluene-d8	10.173	98	382991	51.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 102.620%	
62) 4-Bromofluorobenzene	12.477	95	123552	51.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 102.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	36329	20.279	ug/l	99
3) Chloromethane	2.107	50	54443	20.507	ug/l	95
4) Vinyl Chloride	2.241	62	54334	19.571	ug/l	99
5) Bromomethane	2.631	94	37582	20.000	ug/l	98
6) Chloroethane	2.778	64	34161	20.257	ug/l	100
7) Trichlorofluoromethane	3.113	101	69154	21.021	ug/l	97
8) Diethyl Ether	3.521	74	22338	20.753	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	40745	21.180	ug/l	95
10) Methyl Iodide	4.082	142	45327	17.738	ug/l #	88
11) Tert butyl alcohol	4.948	59	17812	72.462	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	38566	20.541	ug/l	86
13) Acrolein	3.723	56	15219	110.247	ug/l	96
14) Allyl chloride	4.466	41	60337	20.774	ug/l #	91
15) Acrylonitrile	5.149	53	55976	105.298	ug/l	99
16) Acetone	3.936	43	43459	88.971	ug/l	93
17) Carbon Disulfide	4.180	76	121705	20.851	ug/l	100
18) Methyl Acetate	4.466	43	28449	20.749	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	102187	20.651	ug/l	98
20) Methylene Chloride	4.704	84	75912	26.361	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	43968	20.690	ug/l	89
22) Diisopropyl ether	6.112	45	133163	21.471	ug/l	94
23) Vinyl Acetate	6.051	43	410499	104.905	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	74987	20.934	ug/l	99
25) 2-Butanone	6.978	43	72265	101.423	ug/l #	91
26) 2,2-Dichloropropane	6.972	77	63654	19.836	ug/l	92
27) cis-1,2-Dichloroethene	6.978	96	48625	20.696	ug/l	86
28) Bromochloromethane	7.326	49	30438	19.832	ug/l	86
29) Tetrahydrofuran	7.344	42	49807	106.472	ug/l	90
30) Chloroform	7.502	83	77068	21.032	ug/l	97
31) Cyclohexane	7.777	56	71229	20.921	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	67701	20.598	ug/l	96
36) 1,1-Dichloropropene	7.911	75	59868	20.867	ug/l	96
37) Ethyl Acetate	7.063	43	33424	20.932	ug/l	98
38) Carbon Tetrachloride	7.892	117	61749	20.560	ug/l	99
39) Methylcyclohexane	9.179	83	73602	20.805	ug/l	89
40) Benzene	8.155	78	173394	20.654	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	14312m	18.678	ug/l	91
42) 1,2-Dichloroethane	8.234	62	47996	20.380	ug/l	91
43) Isopropyl Acetate	8.270	43	60313	20.613	ug/l #	93
44) Trichloroethene	8.935	130	48299	20.229	ug/l	98
45) 1,2-Dichloropropane	9.209	63	43996	21.361	ug/l	98
46) Dibromomethane	9.301	93	24861	20.783	ug/l	96
47) Bromodichloromethane	9.490	83	58136	20.726	ug/l	98
48) Methyl methacrylate	9.289	41	26685	20.642	ug/l #	87
49) 1,4-Dioxane	9.295	88	6597	413.725	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	161822	106.517	ug/l	93
52) Toluene	10.240	92	112161	21.092	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	59028	20.374	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	69064	20.966	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	35489	21.065	ug/l	97
56) Ethyl methacrylate	10.508	69	44320	20.562	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	59073	21.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	94982	100.663	ug/l	95
59) 2-Hexanone	10.831	43	110214	104.306	ug/l	92
60) Dibromochloromethane	10.983	129	41767	20.488	ug/l	100
61) 1,2-Dibromoethane	11.081	107	33975	20.670	ug/l	99
64) Tetrachloroethene	10.715	164	45866	20.752	ug/l	99
65) Chlorobenzene	11.514	112	117843	20.420	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	43979	20.511	ug/l	97
67) Ethyl Benzene	11.587	91	206746	20.369	ug/l	99
68) m/p-Xylenes	11.697	106	166352	41.181	ug/l	92
69) o-Xylene	12.026	106	77517	20.506	ug/l	89
70) Styrene	12.038	104	129134	20.539	ug/l	94
71) Bromoform	12.203	173	27505	20.328	ug/l #	99
73) Isopropylbenzene	12.325	105	203566	20.435	ug/l	100
74) N-amyl acetate	12.142	43	54448	20.552	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	41915	21.010	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	33297m	24.294	ug/l	
77) Bromobenzene	12.605	156	50302	20.081	ug/l	90
78) n-propylbenzene	12.666	91	249881	20.759	ug/l	98
79) 2-Chlorotoluene	12.751	91	137920	20.666	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	169788	20.627	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	14038	20.196	ug/l	88
82) 4-Chlorotoluene	12.849	91	143242	20.689	ug/l	96
83) tert-Butylbenzene	13.074	119	150895	20.634	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	171130	20.788	ug/l	97
85) sec-Butylbenzene	13.251	105	223416	20.606	ug/l	98
86) p-Isopropyltoluene	13.367	119	188193	20.654	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	101278	20.438	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	100688	20.493	ug/l	98
89) n-Butylbenzene	13.696	91	171683	20.631	ug/l	99
90) Hexachloroethane	13.958	117	35835	20.413	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	89769	20.737	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6221	20.498	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	55658	20.485	ug/l	98
94) Hexachlorobutadiene	15.111	225	33554	20.817	ug/l	97
95) Naphthalene	15.233	128	105539	20.345	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	49696	20.822	ug/l	99

07/20/2022
 Supervised By :Mahesh
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Dadoda

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