

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009963.D
 Acq On : 11 Aug 2022 14:56
 Operator : KP/MD
 Sample : VY0811SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0811SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

Quant Time: Aug 12 02:49:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	64025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	108197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	96575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25477	51.313	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.620%			
35) Dibromofluoromethane	7.710	113	28488	45.762	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.520%			
50) Toluene-d8	10.173	98	88619	48.578	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.160%			
62) 4-Bromofluorobenzene	12.477	95	45206	51.653	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	12008	22.213	ug/l	99
3) Chloromethane	2.107	50	14527	25.610	ug/l	98
4) Vinyl Chloride	2.241	62	14297	23.976	ug/l	93
5) Bromomethane	2.631	94	10085	24.014	ug/l	93
6) Chloroethane	2.778	64	8825	21.142	ug/l	99
7) Trichlorofluoromethane	3.107	101	25754	21.103	ug/l	96
8) Diethyl Ether	3.521	74	8675	18.896	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	14118	18.967	ug/l	95
10) Methyl Iodide	4.076	142	15390	17.935	ug/l	99
11) Tert butyl alcohol	4.948	59	7882	126.044	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	13868	19.102	ug/l	96
13) Acrolein	3.716	56	8341	86.287	ug/l	100
14) Allyl chloride	4.466	41	23235	19.038	ug/l	97
15) Acrylonitrile	5.149	53	22182	98.605	ug/l	96
16) Acetone	3.936	43	17831	110.703	ug/l	92
17) Carbon Disulfide	4.180	76	45473	19.193	ug/l	95
18) Methyl Acetate	4.454	43	10757	18.987	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	34687	18.801	ug/l	99
20) Methylene Chloride	4.698	84	22269	24.697	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	15854	19.503	ug/l	97
22) Diisopropyl ether	6.106	45	49867	20.127	ug/l	96
23) Vinyl Acetate	6.051	43	153398	99.845	ug/l	99
24) 1,1-Dichloroethane	6.003	63	27176	19.385	ug/l	97
25) 2-Butanone	6.978	43	29120	105.648	ug/l	92
26) 2,2-Dichloropropane	6.972	77	23998	21.681	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	17255	19.539	ug/l	99
28) Bromochloromethane	7.320	49	11970	20.010	ug/l	92
29) Tetrahydrofuran	7.338	42	18869	99.600	ug/l	98
30) Chloroform	7.496	83	27141	19.490	ug/l	95
31) Cyclohexane	7.771	56	25991	18.960	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	22848	19.565	ug/l	97
36) 1,1-Dichloropropene	7.911	75	21314	19.668	ug/l	98
37) Ethyl Acetate	7.063	43	13225	20.890	ug/l	99
38) Carbon Tetrachloride	7.893	117	21005	20.237	ug/l	99
39) Methylcyclohexane	9.179	83	25272	19.388	ug/l	97
40) Benzene	8.155	78	65515	20.011	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	5958	18.009	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	17819	20.769	ug/l	100
43) Isopropyl Acetate	8.264	43	22395	19.758	ug/l	99
44) Trichloroethene	8.935	130	16995	20.298	ug/l	95
45) 1,2-Dichloropropane	9.209	63	16530	20.278	ug/l	99
46) Dibromomethane	9.301	93	9142	19.755	ug/l	97
47) Bromodichloromethane	9.490	83	20112	19.272	ug/l	94
48) Methyl methacrylate	9.289	41	9816	19.569	ug/l	98
49) 1,4-Dioxane	9.289	88	2016	424.253	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	62546	102.213	ug/l	99
52) Toluene	10.240	92	40051	19.922	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	21502	20.028	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	24665	19.641	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	13313	19.857	ug/l	96
56) Ethyl methacrylate	10.508	69	16041	19.410	ug/l	96
57) 1,3-Dichloropropane	10.788	76	21063	18.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	42886	99.594	ug/l	98
59) 2-Hexanone	10.831	43	42021	99.649	ug/l	97
60) Dibromochloromethane	10.977	129	14324	19.049	ug/l	99
61) 1,2-Dibromoethane	11.087	107	11874	19.102	ug/l	96
64) Tetrachloroethene	10.715	164	14895	19.707	ug/l	97
65) Chlorobenzene	11.514	112	42464	20.215	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	15226	20.355	ug/l	98
67) Ethyl Benzene	11.587	91	72698	19.888	ug/l	96
68) m/p-Xylenes	11.697	106	55630	39.295	ug/l	95
69) o-Xylene	12.026	106	29110	22.151	ug/l	95
70) Styrene	12.044	104	50188	22.673	ug/l	100
71) Bromoform	12.203	173	9860	22.207	ug/l #	98
73) Isopropylbenzene	12.325	105	73901	19.732	ug/l	99
74) N-amyl acetate	12.142	43	22114	19.593	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	16271	19.440	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	11393m	20.404	ug/l	
77) Bromobenzene	12.605	156	17527	19.544	ug/l	91
78) n-propylbenzene	12.666	91	93142	19.399	ug/l	98
79) 2-Chlorotoluene	12.758	91	52530	19.347	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	62572	19.842	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	5560	19.383	ug/l	96
82) 4-Chlorotoluene	12.849	91	55171	19.495	ug/l	97
83) tert-Butylbenzene	13.075	119	52364	19.539	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	60950	19.821	ug/l	98
85) sec-Butylbenzene	13.251	105	81258	19.529	ug/l	97
86) p-Isopropyltoluene	13.367	119	65868	19.723	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	35450	19.655	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	35759	19.438	ug/l	98
89) n-Butylbenzene	13.696	91	61318	18.528	ug/l	97
90) Hexachloroethane	13.959	117	12462	17.856	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	30739	18.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2313	18.109	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	16471	18.317	ug/l	99
94) Hexachlorobutadiene	15.111	225	9546	18.798	ug/l	97
95) Naphthalene	15.233	128	32570	17.011	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	14422	17.840	ug/l	99

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

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