

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010104.D
 Acq On : 19 Aug 2022 15:29
 Operator : KP/MD
 Sample : VY0819SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 22 02:40:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	287687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	451810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	410053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	207667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110486	46.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.780%		
35) Dibromofluoromethane	7.709	113	122519	48.125	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.172	98	442978	46.436	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.880%		
62) 4-Bromofluorobenzene	12.477	95	162743	47.747	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40922	19.085	ug/l	98
3) Chloromethane	2.107	50	45240	18.753	ug/l	99
4) Vinyl Chloride	2.241	62	50064	19.050	ug/l	99
5) Bromomethane	2.631	94	38902	19.554	ug/l	96
6) Chloroethane	2.777	64	32117	19.150	ug/l	98
7) Trichlorofluoromethane	3.107	101	87359	19.616	ug/l	99
8) Diethyl Ether	3.515	74	30334	19.955	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	54971	19.883	ug/l	99
10) Methyl Iodide	4.076	142	63800	18.684	ug/l	99
11) Tert butyl alcohol	4.942	59	33790	142.992	ug/l #	91
12) 1,1-Dichloroethene	3.856	96	52740	19.886	ug/l	93
13) Acrolein	3.716	56	15674	120.561	ug/l	99
14) Allyl chloride	4.466	41	77561	19.773	ug/l	99
15) Acrylonitrile	5.149	53	73104	100.042	ug/l	99
16) Acetone	3.936	43	59908	101.579	ug/l	98
17) Carbon Disulfide	4.180	76	166409	19.772	ug/l	99
18) Methyl Acetate	4.466	43	35732	19.775	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	133789	20.358	ug/l	96
20) Methylene Chloride	4.704	84	92657	23.272	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	59806	19.888	ug/l	95
22) Diisopropyl ether	6.106	45	165308	20.064	ug/l	95
23) Vinyl Acetate	6.051	43	503643	100.727	ug/l	99
24) 1,1-Dichloroethane	6.002	63	98547	19.848	ug/l	100
25) 2-Butanone	6.978	43	97316	102.579	ug/l	98
26) 2,2-Dichloropropane	6.972	77	93347	21.010	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	67036	20.150	ug/l	96
28) Bromochloromethane	7.319	49	31163	18.471	ug/l	98
29) Tetrahydrofuran	7.338	42	60839	100.280	ug/l	98
30) Chloroform	7.496	83	102586	19.758	ug/l	98
31) Cyclohexane	7.777	56	93701	19.408	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	90693	20.036	ug/l	100
36) 1,1-Dichloropropene	7.911	75	79979	19.681	ug/l	99
37) Ethyl Acetate	7.063	43	42163	20.437	ug/l	97
38) Carbon Tetrachloride	7.892	117	83590	19.614	ug/l	97
39) Methylcyclohexane	9.179	83	97021	19.361	ug/l	95
40) Benzene	8.154	78	239997	20.078	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	21339m	18.043	ug/l	
42) 1,2-Dichloroethane	8.228	62	61926	20.200	ug/l	99
43) Isopropyl Acetate	8.264	43	74656	20.044	ug/l	99
44) Trichloroethene	8.935	130	66752	19.482	ug/l	92
45) 1,2-Dichloropropane	9.209	63	58137	20.211	ug/l	99
46) Dibromomethane	9.301	93	33698	20.023	ug/l	99
47) Bromodichloromethane	9.490	83	77428	19.768	ug/l	99
48) Methyl methacrylate	9.288	41	32147	19.291	ug/l	96
49) 1,4-Dioxane	9.295	88	7613	390.560	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	203509	100.991	ug/l	99
52) Toluene	10.239	92	150988	19.924	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	79432	19.843	ug/l	95
54) cis-1,3-Dichloropropene	9.922	75	92032	19.709	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	47995	19.803	ug/l	98
56) Ethyl methacrylate	10.508	69	59853	19.581	ug/l	100
57) 1,3-Dichloropropane	10.788	76	77295	19.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	142559	116.928	ug/l	99
59) 2-Hexanone	10.831	43	139007	100.603	ug/l	97
60) Dibromochloromethane	10.977	129	58184	19.698	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46988	19.921	ug/l	99
64) Tetrachloroethene	10.715	164	65164	19.688	ug/l	97
65) Chlorobenzene	11.514	112	162921	19.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60509	19.848	ug/l	99
67) Ethyl Benzene	11.587	91	284530	19.799	ug/l	99
68) m/p-Xylenes	11.697	106	223542	39.886	ug/l	100
69) o-Xylene	12.026	106	104072	19.943	ug/l	100
70) Styrene	12.038	104	177621	19.946	ug/l	100
71) Bromoform	12.203	173	37321	19.887	ug/l #	99
73) Isopropylbenzene	12.324	105	275430	19.715	ug/l	100
74) N-amyl acetate	12.142	43	67388	20.010	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	55988	20.035	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	37313m	19.185	ug/l	
77) Bromobenzene	12.605	156	67151	19.760	ug/l	100
78) n-propylbenzene	12.666	91	341285	19.896	ug/l	100
79) 2-Chlorotoluene	12.751	91	191055	19.773	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	233163	19.948	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	18604	19.213	ug/l	94
82) 4-Chlorotoluene	12.849	91	198742	19.841	ug/l	100
83) tert-Butylbenzene	13.074	119	205503	20.166	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	232435	20.078	ug/l	100
85) sec-Butylbenzene	13.251	105	308358	19.958	ug/l	100
86) p-Isopropyltoluene	13.367	119	252999	19.865	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	135271	19.768	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	134750	19.666	ug/l	99
89) n-Butylbenzene	13.696	91	239897	20.013	ug/l	99
90) Hexachloroethane	13.958	117	50731	19.537	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	120090	19.770	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8694	20.349	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	71855	19.952	ug/l	100
94) Hexachlorobutadiene	15.111	225	43348	20.274	ug/l	100
95) Naphthalene	15.232	128	138732	20.284	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	63338	20.181	ug/l	99

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

