

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018826.D
 Acq On : 16 Jul 2024 12:14
 Operator : SY/MD
 Sample : VY0716SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Quant Time: Jul 17 01:52:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/17/2024
 Supervised By :Mahesh Dadoda 07/17/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	97267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	152371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	139767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	45662	47.707	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.420%		
35) Dibromofluoromethane	7.698	113	45604	47.786	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.580%		
50) Toluene-d8	10.173	98	164926	45.615	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.240%		
62) 4-Bromofluorobenzene	12.477	95	58811	47.631	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	16390	20.110	ug/l	92
3) Chloromethane	2.101	50	26799	21.638	ug/l	98
4) Vinyl Chloride	2.235	62	29423	20.308	ug/l	99
5) Bromomethane	2.613	94	21719	21.793	ug/l	96
6) Chloroethane	2.766	64	18555	19.713	ug/l	91
7) Trichlorofluoromethane	3.089	101	43864	23.169	ug/l	91
8) Diethyl Ether	3.509	74	10953	23.736	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.869	101	20086	20.678	ug/l	90
10) Methyl Iodide	4.064	142	19471	18.614	ug/l	91
11) Tert butyl alcohol	4.936	59	6004	61.924	ug/l #	63
12) 1,1-Dichloroethene	3.845	96	19535	20.788	ug/l	97
13) Acrolein	3.710	56	7008	90.215	ug/l	93
14) Allyl chloride	4.442	41	25242	21.682	ug/l	92
15) Acrylonitrile	5.137	53	20548	112.876	ug/l	96
16) Acetone	3.930	43	20556	116.492	ug/l	91
17) Carbon Disulfide	4.168	76	51253	19.478	ug/l	95
18) Methyl Acetate	4.460	43	13155	25.657	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	49969	22.922	ug/l	93
20) Methylene Chloride	4.692	84	35799	34.261	ug/l	95
21) trans-1,2-Dichloroethene	5.192	96	21368	21.544	ug/l	96
22) Diisopropyl ether	6.100	45	56646	22.369	ug/l	95
23) Vinyl Acetate	6.039	43	226792	113.674	ug/l	99
24) 1,1-Dichloroethane	5.991	63	35774	22.125	ug/l	97
25) 2-Butanone	6.972	43	28009	113.239	ug/l	89
26) 2,2-Dichloropropane	6.954	77	30897	20.595	ug/l	98
27) cis-1,2-Dichloroethene	6.960	96	25807	22.349	ug/l	100
28) Bromochloromethane	7.320	49	13661	21.036	ug/l	97
29) Tetrahydrofuran	7.332	42	18708	123.373	ug/l	96
30) Chloroform	7.484	83	40696	22.584	ug/l	100
31) Cyclohexane	7.765	56	29415	20.004	ug/l #	91
32) 1,1,1-Trichloroethane	7.685	97	36008	21.489	ug/l	97
36) 1,1-Dichloropropene	7.905	75	26924	20.443	ug/l	99
37) Ethyl Acetate	7.064	43	13689	25.006	ug/l	95
38) Carbon Tetrachloride	7.880	117	34078	21.484	ug/l	98
39) Methylcyclohexane	9.173	83	35470	21.016	ug/l	95
40) Benzene	8.149	78	84766	22.187	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	7930m	25.408	ug/l	
42) 1,2-Dichloroethane	8.222	62	24138	22.566	ug/l	98
43) Isopropyl Acetate	8.258	43	25154	23.092	ug/l #	83
44) Trichloroethene	8.929	130	24209	22.168	ug/l	96
45) 1,2-Dichloropropane	9.203	63	18639	22.404	ug/l	89
46) Dibromomethane	9.295	93	12771	23.682	ug/l	98
47) Bromodichloromethane	9.484	83	30510	22.647	ug/l	97
48) Methyl methacrylate	9.283	41	10741	21.694	ug/l #	90
49) 1,4-Dioxane	9.295	88	3161	500.047	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	65496	117.768	ug/l	94
52) Toluene	10.234	92	54759	21.564	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	25962	22.320	ug/l	91
54) cis-1,3-Dichloropropene	9.923	75	30619	22.439	ug/l #	86
55) 1,1,2-Trichloroethane	10.636	97	16390	24.001	ug/l	97
56) Ethyl methacrylate	10.508	69	20904	23.251	ug/l #	85
57) 1,3-Dichloropropane	10.782	76	27209	24.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	45538	106.019	ug/l	93
59) 2-Hexanone	10.825	43	46245	118.859	ug/l	91
60) Dibromochloromethane	10.977	129	22227	23.689	ug/l	99
61) 1,2-Dibromoethane	11.081	107	15769	23.753	ug/l	99
64) Tetrachloroethene	10.715	164	22911	20.252	ug/l	98
65) Chlorobenzene	11.508	112	62952	21.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	22262	21.915	ug/l	97
67) Ethyl Benzene	11.587	91	108340	20.976	ug/l	100
68) m/p-Xylenes	11.697	106	86203	42.530	ug/l	100
69) o-Xylene	12.026	106	41092	21.564	ug/l	98
70) Styrene	12.038	104	67942	21.369	ug/l	97
71) Bromoform	12.203	173	12849	23.205	ug/l #	99
73) Isopropylbenzene	12.325	105	106373	19.988	ug/l	99
74) N-amyl acetate	12.142	43	22664	20.824	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	18488	22.037	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	12279m	21.560	ug/l	
77) Bromobenzene	12.605	156	26941	21.206	ug/l	92
78) n-propylbenzene	12.666	91	124432	19.690	ug/l	96
79) 2-Chlorotoluene	12.752	91	71656	20.165	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	89240	20.494	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	5434	21.354	ug/l #	85
82) 4-Chlorotoluene	12.849	91	72686	19.864	ug/l	95
83) tert-Butylbenzene	13.069	119	79648	19.813	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	89180	20.610	ug/l	98
85) sec-Butylbenzene	13.245	105	116890	20.485	ug/l	97
86) p-Isopropyltoluene	13.367	119	100750	20.452	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	53148	21.300	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	52628	21.280	ug/l	98
89) n-Butylbenzene	13.690	91	90869	20.347	ug/l	99
90) Hexachloroethane	13.959	117	18152	19.814	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	46227	21.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3020	22.215	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	29435	22.371	ug/l	98
94) Hexachlorobutadiene	15.111	225	16459	21.702	ug/l	98
95) Naphthalene	15.233	128	50996	22.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	25134	22.325	ug/l	98

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

