

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018407.D
 Acq On : 30 May 2024 11:59
 Operator : SY/MD
 Sample : VY0530SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/31/2024
 Supervised By :Semsettin Yesilyurt 05/31/2024

Quant Time: May 31 00:59:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	117194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	210039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60645	54.620	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.240%			
35) Dibromofluoromethane	7.710	113	61528	50.233	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.460%			
50) Toluene-d8	10.179	98	243120	50.911	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.477	95	75453	51.135	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	17928	17.923	ug/l	97
3) Chloromethane	2.107	50	29742	18.297	ug/l	100
4) Vinyl Chloride	2.247	62	36092	19.847	ug/l	96
5) Bromomethane	2.637	94	25518	19.627	ug/l	90
6) Chloroethane	2.784	64	23161	19.620	ug/l	100
7) Trichlorofluoromethane	3.113	101	40647	19.917	ug/l	98
8) Diethyl Ether	3.521	74	13514	20.738	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.887	101	24678	19.601	ug/l	95
10) Methyl Iodide	4.082	142	23586	18.628	ug/l	98
11) Tert butyl alcohol	4.942	59	14199	115.285	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	23675	19.093	ug/l	88
13) Acrolein	3.716	56	10923	110.701	ug/l	98
14) Allyl chloride	4.472	41	35834	20.691	ug/l	94
15) Acrylonitrile	5.149	53	32285	114.546	ug/l	97
16) Acetone	3.942	43	26511	116.090	ug/l	88
17) Carbon Disulfide	4.186	76	58602	16.924	ug/l	99
18) Methyl Acetate	4.466	43	13625	22.510	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	63291	21.286	ug/l	95
20) Methylene Chloride	4.704	84	35104	24.199	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	25068	19.163	ug/l	93
22) Diisopropyl ether	6.106	45	83577	23.223	ug/l	90
23) Vinyl Acetate	6.051	43	261480	113.468	ug/l	97
24) 1,1-Dichloroethane	6.003	63	47093	21.337	ug/l	97
25) 2-Butanone	6.978	43	42397	117.155	ug/l	94
26) 2,2-Dichloropropane	6.972	77	40125	21.031	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	31817	20.699	ug/l	92
28) Bromochloromethane	7.332	49	17450	23.279	ug/l	85
29) Tetrahydrofuran	7.344	42	27062	113.612	ug/l	87
30) Chloroform	7.502	83	48371	21.502	ug/l	95
31) Cyclohexane	7.777	56	41099	19.488	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	40558	20.540	ug/l	96
36) 1,1-Dichloropropene	7.917	75	34822	19.604	ug/l	96
37) Ethyl Acetate	7.063	43	17929	21.100	ug/l #	95
38) Carbon Tetrachloride	7.899	117	33458	18.390	ug/l	95
39) Methylcyclohexane	9.179	83	43928	17.728	ug/l	95
40) Benzene	8.155	78	108462	20.030	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	9601m	22.635	ug/l	
42) 1,2-Dichloroethane	8.228	62	27894	21.415	ug/l	98
43) Isopropyl Acetate	8.270	43	35393	21.348	ug/l #	83
44) Trichloroethene	8.935	130	25646	18.477	ug/l	94
45) 1,2-Dichloropropane	9.209	63	27394	22.493	ug/l	98
46) Dibromomethane	9.301	93	14986	20.970	ug/l	93
47) Bromodichloromethane	9.490	83	36192	20.868	ug/l #	98
48) Methyl methacrylate	9.289	41	16341	21.789	ug/l	89
49) 1,4-Dioxane	9.295	88	3837	413.824	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	95854	114.557	ug/l	92
52) Toluene	10.240	92	66802	19.680	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	33190	20.932	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	39275	20.214	ug/l #	93
55) 1,1,2-Trichloroethane	10.642	97	20283	21.423	ug/l	98
56) Ethyl methacrylate	10.508	69	28820	22.193	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	35374	22.044	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	64706	110.270	ug/l	96
59) 2-Hexanone	10.831	43	66922	116.234	ug/l	91
60) Dibromochloromethane	10.983	129	23566	20.608	ug/l	97
61) 1,2-Dibromoethane	11.087	107	17522	20.058	ug/l	99
64) Tetrachloroethene	10.721	164	23409	18.060	ug/l	95
65) Chlorobenzene	11.514	112	74437	19.721	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	22877	19.158	ug/l	96
67) Ethyl Benzene	11.587	91	131106	19.778	ug/l	99
68) m/p-Xylenes	11.697	106	97549	38.247	ug/l	96
69) o-Xylene	12.026	106	48009	19.946	ug/l	97
70) Styrene	12.044	104	80947	20.345	ug/l	97
71) Bromoform	12.203	173	11796	18.677	ug/l #	99
73) Isopropylbenzene	12.331	105	124926	19.477	ug/l	98
74) N-amyl acetate	12.142	43	33277	22.238	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	23545	21.544	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	16767m	22.861	ug/l	
77) Bromobenzene	12.605	156	26304	18.724	ug/l	89
78) n-propylbenzene	12.672	91	151347	19.707	ug/l	99
79) 2-Chlorotoluene	12.751	91	82201	19.770	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	100019	19.844	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	7284	20.433	ug/l	92
82) 4-Chlorotoluene	12.855	91	85325	20.240	ug/l	98
83) tert-Butylbenzene	13.068	119	89456	19.200	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	99530	20.079	ug/l	96
85) sec-Butylbenzene	13.251	105	136977	19.879	ug/l	97
86) p-Isopropyltoluene	13.367	119	107044	18.992	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	52369	18.931	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	53050	19.268	ug/l	97
89) n-Butylbenzene	13.696	91	106266	20.063	ug/l	99
90) Hexachloroethane	13.958	117	19502	18.737	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	46829	19.509	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3050	20.347	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	23358	17.084	ug/l	96
94) Hexachlorobutadiene	15.111	225	12264	17.528	ug/l	98
95) Naphthalene	15.233	128	47699	17.741	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	20295	17.459	ug/l	96

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

