

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018406.D
 Acq On : 30 May 2024 11:36
 Operator : SY/MD
 Sample : VY0530SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 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 00:59:00 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	109798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	200730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61357	58.983	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.960%			
35) Dibromofluoromethane	7.710	113	64360	54.982	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.960%			
50) Toluene-d8	10.179	98	248024	54.346	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.700%			
62) 4-Bromofluorobenzene	12.483	95	77755	55.139	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14567	15.544	ug/l	95
3) Chloromethane	2.107	50	31461	20.658	ug/l	97
4) Vinyl Chloride	2.247	62	34077	20.001	ug/l	98
5) Bromomethane	2.637	94	25379	20.835	ug/l	98
6) Chloroethane	2.784	64	23049	20.841	ug/l	95
7) Trichlorofluoromethane	3.113	101	36963	19.332	ug/l	97
8) Diethyl Ether	3.515	74	12459	20.407	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	21786	18.470	ug/l	93
10) Methyl Iodide	4.082	142	21083	17.773	ug/l	93
11) Tert butyl alcohol	4.942	59	11772	95.847	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	21367	18.392	ug/l #	82
13) Acrolein	3.716	56	9859	106.063	ug/l	99
14) Allyl chloride	4.466	41	32791	20.210	ug/l	95
15) Acrylonitrile	5.155	53	28278	107.087	ug/l	97
16) Acetone	3.936	43	26439	123.574	ug/l	89
17) Carbon Disulfide	4.186	76	56053	17.278	ug/l	99
18) Methyl Acetate	4.466	43	12580	22.183	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	59788	21.462	ug/l	98
20) Methylene Chloride	4.704	84	34026	25.222	ug/l #	86
21) trans-1,2-Dichloroethene	5.204	96	24103	19.667	ug/l	99
22) Diisopropyl ether	6.106	45	77851	23.089	ug/l	91
23) Vinyl Acetate	6.045	43	234169	108.462	ug/l	94
24) 1,1-Dichloroethane	6.009	63	44752	21.642	ug/l	98
25) 2-Butanone	6.978	43	36919	108.889	ug/l	89
26) 2,2-Dichloropropane	6.966	77	38407	21.486	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	30395	21.106	ug/l	93
28) Bromochloromethane	7.325	49	16535	23.544	ug/l	84
29) Tetrahydrofuran	7.338	42	23325	104.519	ug/l	88
30) Chloroform	7.502	83	47352	22.467	ug/l	100
31) Cyclohexane	7.777	56	36984	18.614	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	39208	21.194	ug/l	98
36) 1,1-Dichloropropene	7.911	75	32282	19.017	ug/l	98
37) Ethyl Acetate	7.063	43	16921	20.837	ug/l	99
38) Carbon Tetrachloride	7.899	117	32236	18.540	ug/l	98
39) Methylcyclohexane	9.179	83	39662	16.749	ug/l	95
40) Benzene	8.155	78	105969	20.477	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	7748	19.114	ug/l #	91
42) 1,2-Dichloroethane	8.228	62	26251	21.088	ug/l	98
43) Isopropyl Acetate	8.270	43	32777	20.686	ug/l	94
44) Trichloroethene	8.935	130	25536	19.251	ug/l	88
45) 1,2-Dichloropropane	9.209	63	25365	21.793	ug/l	98
46) Dibromomethane	9.301	93	13467	19.718	ug/l	92
47) Bromodichloromethane	9.496	83	34620	20.887	ug/l	94
48) Methyl methacrylate	9.289	41	14233	19.859	ug/l	89
49) 1,4-Dioxane	9.289	88	3541	399.611	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	83297	104.166	ug/l	91
52) Toluene	10.240	92	65009	20.040	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	31207	20.594	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	38508	20.739	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	18404	20.340	ug/l	97
56) Ethyl methacrylate	10.508	69	25513	20.557	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	32362	21.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	64778	115.512	ug/l	96
59) 2-Hexanone	10.831	43	59348	107.859	ug/l	91
60) Dibromochloromethane	10.983	129	22167	20.283	ug/l	96
61) 1,2-Dibromoethane	11.087	107	16612	19.898	ug/l	99
64) Tetrachloroethene	10.715	164	21933	17.774	ug/l	94
65) Chlorobenzene	11.514	112	71423	19.875	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	21829	19.202	ug/l	99
67) Ethyl Benzene	11.593	91	125612	19.904	ug/l	99
68) m/p-Xylenes	11.703	106	93263	38.408	ug/l	96
69) o-Xylene	12.026	106	45309	19.772	ug/l	97
70) Styrene	12.044	104	76806	20.276	ug/l	98
71) Bromoform	12.203	173	10934	18.184	ug/l #	97
73) Isopropylbenzene	12.331	105	120392	19.913	ug/l	98
74) N-amyl acetate	12.142	43	28673	20.327	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	21165	20.545	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	15372m	22.235	ug/l	
77) Bromobenzene	12.605	156	24668	18.629	ug/l	88
78) n-propylbenzene	12.672	91	144540	19.966	ug/l	99
79) 2-Chlorotoluene	12.757	91	79894	20.385	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	94317	19.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	6753	20.097	ug/l	93
82) 4-Chlorotoluene	12.855	91	82714	20.815	ug/l	97
83) tert-Butylbenzene	13.074	119	84723	19.292	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	93968	20.111	ug/l	98
85) sec-Butylbenzene	13.251	105	129127	19.881	ug/l	98
86) p-Isopropyltoluene	13.367	119	103176	19.421	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	49781	19.091	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	50153	19.325	ug/l	97
89) n-Butylbenzene	13.696	91	101109	20.252	ug/l	97
90) Hexachloroethane	13.958	117	19627	20.005	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	44906	19.847	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2828	20.015	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	22353	17.344	ug/l	96
94) Hexachlorobutadiene	15.111	225	11096	16.824	ug/l	97
95) Naphthalene	15.239	128	41914	16.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	18108	16.526	ug/l	96

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

