

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018541.D
 Acq On : 10 Jun 2024 11:17
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Quant Time: Jun 11 01:52:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	42912	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	70987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	65042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37938	45.018	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.040%		
35) Dibromofluoromethane	7.710	113	35642	39.595	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.200%		
50) Toluene-d8	10.179	98	142404	39.766	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.540%		
62) 4-Bromofluorobenzene	12.483	95	44046	39.504	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	79.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	12624	18.523	ug/l	98
3) Chloromethane	2.107	50	29139	22.927	ug/l	100
4) Vinyl Chloride	2.247	62	32933	21.663	ug/l	94
5) Bromomethane	2.637	94	22117	21.806	ug/l	98
6) Chloroethane	2.784	64	21939	22.857	ug/l	97
7) Trichlorofluoromethane	3.113	101	33202	21.108	ug/l	97
8) Diethyl Ether	3.515	74	9643	20.375	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.881	101	17694	19.319	ug/l	93
10) Methyl Iodide	4.082	142	15935	17.713	ug/l	90
11) Tert butyl alcohol	4.948	59	9207	43.716	ug/l	99
12) 1,1-Dichloroethene	3.863	96	17530	19.473	ug/l	87
13) Acrolein	3.722	56	5675	65.790	ug/l	98
14) Allyl chloride	4.466	41	27034	20.505	ug/l	93
15) Acrylonitrile	5.149	53	24177	111.705	ug/l	97
16) Acetone	3.936	43	19848	106.115	ug/l	89
17) Carbon Disulfide	4.186	76	45087	17.073	ug/l	100
18) Methyl Acetate	4.466	43	10354	22.137	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	46317	21.348	ug/l	98
20) Methylene Chloride	4.704	84	24196	20.811	ug/l	# 88
21) trans-1,2-Dichloroethene	5.210	96	19469	20.266	ug/l	90
22) Diisopropyl ether	6.106	45	64012	23.841	ug/l	94
23) Vinyl Acetate	6.051	43	197638	113.103	ug/l	# 91
24) 1,1-Dichloroethane	6.009	63	37064	22.131	ug/l	97
25) 2-Butanone	6.978	43	31593	110.257	ug/l	# 87
26) 2,2-Dichloropropane	6.972	77	29630	20.130	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	24331	21.773	ug/l	95
28) Bromochloromethane	7.325	49	18325	23.778	ug/l	# 74
29) Tetrahydrofuran	7.344	42	21198	113.913	ug/l	# 84
30) Chloroform	7.502	83	37742	22.470	ug/l	98
31) Cyclohexane	7.777	56	32132	20.450	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	31039	21.098	ug/l	96
36) 1,1-Dichloropropene	7.911	75	26108	19.022	ug/l	96
37) Ethyl Acetate	7.069	43	12921	18.844	ug/l	99
38) Carbon Tetrachloride	7.898	117	25915	18.842	ug/l	96
39) Methylcyclohexane	9.185	83	33768	18.199	ug/l	96
40) Benzene	8.155	78	82712	20.112	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	6312	18.925	ug/l #	93
42) 1,2-Dichloroethane	8.228	62	22058	22.062	ug/l	97
43) Isopropyl Acetate	8.270	43	26442	20.624	ug/l	94
44) Trichloroethene	8.935	130	20258	19.878	ug/l	93
45) 1,2-Dichloropropane	9.209	63	19969	21.232	ug/l	97
46) Dibromomethane	9.301	93	10947	20.301	ug/l	91
47) Bromodichloromethane	9.496	83	27697	21.398	ug/l #	96
48) Methyl methacrylate	9.288	41	12346	20.930	ug/l	85
49) 1,4-Dioxane	9.295	88	2868	405.021	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	68346	102.662	ug/l	92
52) Toluene	10.240	92	52487	20.751	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	24715	20.792	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	29894	20.425	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	14813	21.115	ug/l	90
56) Ethyl methacrylate	10.508	69	20023	20.282	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	25214	21.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	55086	103.909	ug/l	95
59) 2-Hexanone	10.831	43	48612	105.666	ug/l	89
60) Dibromochloromethane	10.983	129	16680	19.462	ug/l	98
61) 1,2-Dibromoethane	11.087	107	13527	20.476	ug/l	98
64) Tetrachloroethene	10.715	164	17475	18.240	ug/l	88
65) Chlorobenzene	11.514	112	52899	18.965	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	17709	19.635	ug/l	98
67) Ethyl Benzene	11.593	91	99036	19.507	ug/l	98
68) m/p-Xylenes	11.697	106	73157	38.268	ug/l	93
69) o-Xylene	12.026	106	34611	18.808	ug/l	94
70) Styrene	12.044	104	59450	19.772	ug/l	98
71) Bromoform	12.209	173	8524	17.940	ug/l #	95
73) Isopropylbenzene	12.331	105	92979	20.444	ug/l	98
74) N-amyl acetate	12.142	43	23488	21.217	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	17405	21.740	ug/l	97
76) 1,2,3-Trichloropropane	12.635	75	11727m	21.458	ug/l	
77) Bromobenzene	12.611	156	19158	19.840	ug/l	86
78) n-propylbenzene	12.672	91	114308	20.941	ug/l	99
79) 2-Chlorotoluene	12.757	91	62232	20.971	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	75252	21.245	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	5213	20.041	ug/l	87
82) 4-Chlorotoluene	12.855	91	64371	21.557	ug/l	99
83) tert-Butylbenzene	13.074	119	66082	20.175	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	74090	21.365	ug/l	97
85) sec-Butylbenzene	13.251	105	100568	20.848	ug/l	99
86) p-Isopropyltoluene	13.367	119	80936	20.789	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	40352	21.185	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	40147	21.454	ug/l	96
89) n-Butylbenzene	13.696	91	81358	21.991	ug/l	97
90) Hexachloroethane	13.958	117	14946	20.482	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	35397	21.355	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2185	17.935	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	17733	19.782	ug/l	97
94) Hexachlorobutadiene	15.111	225	9077	19.066	ug/l	97
95) Naphthalene	15.239	128	34377	19.095	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	15310	20.186	ug/l	98

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

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