

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020623.D
 Acq On : 18 Dec 2024 09:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY121824

Quant Time: Dec 18 14:20:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/19/2024
 Supervised By :Semsettin Yesilyurt 12/19/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	181172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	281800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	246057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	135162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	93039	46.890	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.780%		
35) Dibromofluoromethane	7.640	113	95632	48.152	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.300%		
50) Toluene-d8	10.109	98	336852	48.457	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.920%		
62) 4-Bromofluorobenzene	12.408	95	123092	45.267	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	90.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	116592	51.523	ug/l	98
3) Chloromethane	2.074	50	94009	56.068	ug/l	99
4) Vinyl Chloride	2.208	62	93185	59.712	ug/l	100
5) Bromomethane	2.598	94	58436	58.252	ug/l	98
6) Chloroethane	2.739	64	56906	59.008	ug/l	98
7) Trichlorofluoromethane	3.068	101	174799	53.530	ug/l	98
8) Diethyl Ether	3.458	74	61832	53.992	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	129101	55.158	ug/l	100
10) Methyl Iodide	4.013	142	154019	59.104	ug/l	98
11) Tert butyl alcohol	4.872	59	45575	213.025	ug/l	99
12) 1,1-Dichloroethene	3.799	96	127279	56.045	ug/l	99
13) Acrolein	3.659	56	14612	155.740	ug/l	97
14) Allyl chloride	4.391	41	228359	57.385	ug/l	98
15) Acrylonitrile	5.067	53	142723	260.505	ug/l	98
16) Acetone	3.873	43	101352	257.301	ug/l	100
17) Carbon Disulfide	4.116	76	417887	56.530	ug/l	100
18) Methyl Acetate	4.391	43	73409	54.377	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	317105	54.099	ug/l	99
20) Methylene Chloride	4.629	84	133010	53.915	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	141258	55.450	ug/l	97
22) Diisopropyl ether	6.025	45	452462	56.015	ug/l	97
23) Vinyl Acetate	5.964	43	1258502	275.088	ug/l	100
24) 1,1-Dichloroethane	5.927	63	263259	55.632	ug/l	99
25) 2-Butanone	6.903	43	179579	243.530	ug/l	100
26) 2,2-Dichloropropane	6.890	77	234203	52.354	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	162240	55.354	ug/l	99
28) Bromochloromethane	7.250	49	88805	55.637	ug/l	98
29) Tetrahydrofuran	7.268	42	120593	259.058	ug/l	99
30) Chloroform	7.427	83	267283	56.991	ug/l	97
31) Cyclohexane	7.707	56	230457	50.933	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	236866	54.484	ug/l	99
36) 1,1-Dichloropropene	7.841	75	195474	53.976	ug/l	100
37) Ethyl Acetate	6.988	43	85696	50.307	ug/l	99
38) Carbon Tetrachloride	7.823	117	215219	53.714	ug/l	97
39) Methylcyclohexane	9.109	83	250222	53.013	ug/l	99
40) Benzene	8.085	78	584718	55.083	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	45639	50.678	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	149628	53.147	ug/l	100
43) Isopropyl Acetate	8.201	43	170873	52.984	ug/l	100
44) Trichloroethene	8.866	130	142790	54.743	ug/l	99
45) 1,2-Dichloropropane	9.146	63	134987	54.411	ug/l	94
46) Dibromomethane	9.231	93	69796	53.233	ug/l	99
47) Bromodichloromethane	9.426	83	191747	54.141	ug/l	99
48) Methyl methacrylate	9.225	41	80945	52.797	ug/l	98
49) 1,4-Dioxane	9.231	88	15521	1032.238	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	434924	255.497	ug/l	99
52) Toluene	10.176	92	360124	54.590	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	181188	54.904	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	216369	55.329	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	91364	52.705	ug/l	98
56) Ethyl methacrylate	10.438	69	138340	55.009	ug/l	98
57) 1,3-Dichloropropane	10.719	76	165219	53.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	246475	232.929	ug/l	100
59) 2-Hexanone	10.762	43	284335	260.158	ug/l	99
60) Dibromochloromethane	10.914	129	126021	54.359	ug/l	99
61) 1,2-Dibromoethane	11.018	107	85370	52.944	ug/l	100
64) Tetrachloroethene	10.652	164	122795	53.056	ug/l	95
65) Chlorobenzene	11.444	112	378529	55.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	129481	55.037	ug/l	99
67) Ethyl Benzene	11.524	91	703089	55.393	ug/l	99
68) m/p-Xylenes	11.627	106	519103	109.995	ug/l	100
69) o-Xylene	11.957	106	242747	55.129	ug/l	98
70) Styrene	11.975	104	406649	55.275	ug/l	99
71) Bromoform	12.133	173	71545	54.090	ug/l #	98
73) Isopropylbenzene	12.255	105	655105	55.541	ug/l	100
74) N-amyl acetate	12.072	43	151318	54.818	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	102678	53.630	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	69918m	49.797	ug/l	
77) Bromobenzene	12.536	156	141911	55.233	ug/l	99
78) n-propylbenzene	12.597	91	783540	55.137	ug/l	99
79) 2-Chlorotoluene	12.682	91	446278	55.818	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	534457	55.844	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	37214	55.634	ug/l	99
82) 4-Chlorotoluene	12.780	91	451687	54.455	ug/l	100
83) tert-Butylbenzene	12.999	119	472868	54.556	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	525941	56.024	ug/l	98
85) sec-Butylbenzene	13.176	105	694384	55.099	ug/l	100
86) p-Isopropyltoluene	13.298	119	585461	56.346	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	280882	55.381	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	271866	54.122	ug/l	99
89) n-Butylbenzene	13.621	91	552991	56.156	ug/l	99
90) Hexachloroethane	13.883	117	113928	55.329	ug/l	100
91) 1,2-Dichlorobenzene	13.664	146	239707	54.548	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15981	51.412	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	149441	56.222	ug/l	99
94) Hexachlorobutadiene	15.029	225	97741	56.250	ug/l	99
95) Naphthalene	15.151	128	256906	56.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	126145	56.169	ug/l	99

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

