

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020345.D
 Acq On : 19 Nov 2024 18:52
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY111924

Quant Time: Nov 20 04:42:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:33:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	218521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	364341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	309693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	141489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	110537	44.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.060%		
35) Dibromofluoromethane	7.634	113	97280	41.639	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.280%		
50) Toluene-d8	10.103	98	388428	42.207	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.420%		
62) 4-Bromofluorobenzene	12.408	95	130125	43.984	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	87.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	111072	52.365	ug/l	97
3) Chloromethane	2.068	50	125077	44.505	ug/l	99
4) Vinyl Chloride	2.208	62	123286	42.368	ug/l	99
5) Bromomethane	2.598	94	68717	47.284	ug/l	99
6) Chloroethane	2.739	64	75903	44.715	ug/l	99
7) Trichlorofluoromethane	3.062	101	199645	49.372	ug/l	99
8) Diethyl Ether	3.458	74	62415	48.920	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	113049	46.944	ug/l	98
10) Methyl Iodide	4.007	142	155561	48.226	ug/l	96
11) Tert butyl alcohol	4.872	59	41539	224.231	ug/l	100
12) 1,1-Dichloroethene	3.793	96	112225	47.078	ug/l	95
13) Acrolein	3.659	56	41518	267.071	ug/l	100
14) Allyl chloride	4.385	41	220954	47.933	ug/l	94
15) Acrylonitrile	5.061	53	143447	254.341	ug/l	99
16) Acetone	3.873	43	143018	237.630	ug/l	98
17) Carbon Disulfide	4.110	76	373607	46.520	ug/l	99
18) Methyl Acetate	4.385	43	70746	50.427	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	308971	49.895	ug/l	98
20) Methylene Chloride	4.616	84	123291	48.374	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	124677	47.091	ug/l	92
22) Diisopropyl ether	6.025	45	437612	48.173	ug/l	97
23) Vinyl Acetate	5.964	43	1280046	252.147	ug/l	99
24) 1,1-Dichloroethane	5.915	63	244354	47.648	ug/l	98
25) 2-Butanone	6.896	43	202028	260.742	ug/l	99
26) 2,2-Dichloropropane	6.890	77	205933	48.584	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	145516	49.900	ug/l	99
28) Bromochloromethane	7.250	49	103614	48.005	ug/l	96
29) Tetrahydrofuran	7.262	42	124725	269.331	ug/l	97
30) Chloroform	7.421	83	238810	48.223	ug/l	97
31) Cyclohexane	7.701	56	224125	47.890	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	219357	50.447	ug/l	97
36) 1,1-Dichloropropene	7.835	75	177989	49.880	ug/l	99
37) Ethyl Acetate	6.988	43	89280	54.618	ug/l	99
38) Carbon Tetrachloride	7.823	117	194915	52.317	ug/l	99
39) Methylcyclohexane	9.110	83	229207	51.325	ug/l	98
40) Benzene	8.079	78	531435	50.820	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	51821	55.717	ug/l	96
42) 1,2-Dichloroethane	8.158	62	148909	52.755	ug/l	99
43) Isopropyl Acetate	8.195	43	177020	55.687	ug/l	99
44) Trichloroethene	8.866	130	124155	50.110	ug/l	95
45) 1,2-Dichloropropane	9.140	63	126442	50.680	ug/l	99
46) Dibromomethane	9.231	93	64729	50.618	ug/l	99
47) Bromodichloromethane	9.420	83	180213	51.051	ug/l	98
48) Methyl methacrylate	9.219	41	84558	55.637	ug/l	95
49) 1,4-Dioxane	9.238	88	13548	1029.795	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	442279	274.160	ug/l	100
52) Toluene	10.170	92	326653	51.107	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	172434	51.655	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	202123	52.893	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	85673	50.472	ug/l	98
56) Ethyl methacrylate	10.439	69	136602	53.587	ug/l	99
57) 1,3-Dichloropropane	10.713	76	159236	52.199	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	300898	248.935	ug/l	100
59) 2-Hexanone	10.762	43	313607	274.534	ug/l	99
60) Dibromochloromethane	10.908	129	114042	52.124	ug/l	99
61) 1,2-Dibromoethane	11.012	107	79188	50.344	ug/l	98
64) Tetrachloroethene	10.646	164	109940	49.247	ug/l	98
65) Chlorobenzene	11.438	112	338718	49.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	115723	50.168	ug/l	99
67) Ethyl Benzene	11.518	91	635246	49.867	ug/l	100
68) m/p-Xylenes	11.627	106	465220	101.387	ug/l	97
69) o-Xylene	11.957	106	221747	50.951	ug/l	99
70) Styrene	11.969	104	371095	51.321	ug/l	98
71) Bromoform	12.133	173	63418	52.752	ug/l #	99
73) Isopropylbenzene	12.255	105	592489	49.433	ug/l	100
74) N-amyl acetate	12.072	43	158787	54.821	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	97478	50.321	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	71473m	53.595	ug/l	
77) Bromobenzene	12.530	156	124523	49.588	ug/l	96
78) n-propylbenzene	12.597	91	717478	49.879	ug/l	100
79) 2-Chlorotoluene	12.676	91	407383	49.257	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	478483	49.396	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	34976	51.391	ug/l	99
82) 4-Chlorotoluene	12.780	91	419222	49.114	ug/l	97
83) tert-Butylbenzene	12.999	119	433770	50.744	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	475972	49.562	ug/l	99
85) sec-Butylbenzene	13.176	105	620804	46.067	ug/l	100
86) p-Isopropyltoluene	13.292	119	516099	49.532	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	242241	47.709	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	239050	49.275	ug/l	99
89) n-Butylbenzene	13.615	91	497286	49.838	ug/l	99
90) Hexachloroethane	13.877	117	97244	48.355	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	212235	50.169	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15688	49.354	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	133013	52.001	ug/l	100
94) Hexachlorobutadiene	15.023	225	82641	52.929	ug/l	99
95) Naphthalene	15.145	128	250875	56.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	112500	51.439	ug/l	99

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

