

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020343.D
 Acq On : 19 Nov 2024 17:42
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 01:03:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 00:48:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	211886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	350739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	296115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	363043	149.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	298.280%#
35) Dibromofluoromethane	7.634	113	328532	146.077	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	292.160%#
50) Toluene-d8	10.109	98	1324547	149.507	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	299.020%#
62) 4-Bromofluorobenzene	12.407	95	434570	152.587	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	305.180%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	321802	156.466	ug/l	99
3) Chloromethane	2.068	50	381050	150.712	ug/l	97
4) Vinyl Chloride	2.208	62	380588	134.887	ug/l	99
5) Bromomethane	2.598	94	192082	136.310	ug/l	98
6) Chloroethane	2.738	64	227195	138.032	ug/l	99
7) Trichlorofluoromethane	3.062	101	578218	147.470	ug/l	99
8) Diethyl Ether	3.458	74	181261	146.519	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	333758	142.933	ug/l	99
10) Methyl Iodide	4.007	142	446636	142.799	ug/l	97
11) Tert butyl alcohol	4.891	59	104155	729.517	ug/l	99
12) 1,1-Dichloroethene	3.793	96	333059	144.094	ug/l	100
13) Acrolein	3.659	56	116557	773.250	ug/l	100
14) Allyl chloride	4.384	41	660146	147.694	ug/l	93
15) Acrylonitrile	5.061	53	379392	693.752	ug/l	99
16) Acetone	3.872	43	390697	669.485	ug/l	97
17) Carbon Disulfide	4.110	76	1114337	143.098	ug/l	100
18) Methyl Acetate	4.384	43	183151	134.637	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	855630	142.499	ug/l	98
20) Methylene Chloride	4.616	84	350664	141.893	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	362921	141.368	ug/l	93
22) Diisopropyl ether	6.024	45	1242472	141.056	ug/l	97
23) Vinyl Acetate	5.963	43	3500470	711.125	ug/l	99
24) 1,1-Dichloroethane	5.921	63	709814	142.745	ug/l	99
25) 2-Butanone	6.896	43	523049	696.197	ug/l	99
26) 2,2-Dichloropropane	6.884	77	608998	148.175	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	415289	146.869	ug/l	98
28) Bromochloromethane	7.250	49	302639	144.606	ug/l	97
29) Tetrahydrofuran	7.268	42	318185	708.605	ug/l	96
30) Chloroform	7.427	83	681143	141.851	ug/l	99
31) Cyclohexane	7.701	56	630214	138.877	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	624176	148.040	ug/l	98
36) 1,1-Dichloropropene	7.835	75	511136	148.798	ug/l	99
37) Ethyl Acetate	6.988	43	224596	140.226	ug/l	99
38) Carbon Tetrachloride	7.823	117	561195	156.470	ug/l	97
39) Methylcyclohexane	9.109	83	662542	154.113	ug/l	95
40) Benzene	8.085	78	1510257	150.024	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	132286	147.746	ug/l	94
42) 1,2-Dichloroethane	8.158	62	409666	150.765	ug/l	99
43) Isopropyl Acetate	8.195	43	465329	152.060	ug/l #	89
44) Trichloroethene	8.865	130	356988	149.672	ug/l	99
45) 1,2-Dichloropropane	9.140	63	365003	151.971	ug/l	98
46) Dibromomethane	9.231	93	179946	146.176	ug/l	99
47) Bromodichloromethane	9.420	83	515924	151.819	ug/l	97
48) Methyl methacrylate	9.219	41	229979	157.189	ug/l	95
49) 1,4-Dioxane	9.237	88	35246	2782.975	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	1150805	741.026	ug/l	100
52) Toluene	10.170	92	935063	151.970	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	487634	151.743	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	580042	157.678	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	232403	142.225	ug/l	99
56) Ethyl methacrylate	10.438	69	372428	151.763	ug/l	99
57) 1,3-Dichloropropane	10.713	76	430536	146.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	904374	777.210	ug/l	99
59) 2-Hexanone	10.761	43	815456	741.541	ug/l	99
60) Dibromochloromethane	10.908	129	315843	149.957	ug/l	99
61) 1,2-Dibromoethane	11.011	107	216859	143.217	ug/l	100
64) Tetrachloroethene	10.646	164	310822	145.616	ug/l	98
65) Chlorobenzene	11.438	112	963689	145.962	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	330635	149.908	ug/l	98
67) Ethyl Benzene	11.517	91	1832488	150.446	ug/l	100
68) m/p-Xylenes	11.627	106	1323776	301.724	ug/l	97
69) o-Xylene	11.956	106	627311	150.747	ug/l	97
70) Styrene	11.968	104	1055739	152.698	ug/l	98
71) Bromoform	12.127	173	172522	150.087	ug/l #	99
73) Isopropylbenzene	12.255	105	1670748	150.561	ug/l	100
74) N-amyl acetate	12.066	43	426531	159.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	253871	141.554	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	182550m	147.393	ug/l	
77) Bromobenzene	12.529	156	347120	149.303	ug/l	97
78) n-propylbenzene	12.596	91	2022361	151.856	ug/l	100
79) 2-Chlorotoluene	12.682	91	1147443	149.851	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1341749	149.611	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	98926	156.997	ug/l	96
82) 4-Chlorotoluene	12.779	91	1178773	149.162	ug/l	97
83) tert-Butylbenzene	12.999	119	1207733	152.603	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	1334165	150.053	ug/l	99
85) sec-Butylbenzene	13.176	105	1742388	139.651	ug/l	99
86) p-Isopropyltoluene	13.291	119	1448758	150.180	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	675457	143.686	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	659854	146.911	ug/l	99
89) n-Butylbenzene	13.621	91	1410591	152.692	ug/l	99
90) Hexachloroethane	13.883	117	280814	150.820	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	579091	147.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	41248	140.161	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	376647	159.045	ug/l	100
94) Hexachlorobutadiene	15.029	225	232003	160.494	ug/l	99
95) Naphthalene	15.145	128	664631	162.960	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	316780	156.446	ug/l	99

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

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