

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019459.D
 Acq On : 09 Sep 2024 11:53
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 09 15:42:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 15:39:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/10/2024
 Supervised By :Semsettin Yesilyurt 09/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	645419	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	1107557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	947482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	435128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	929022	155.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 310.900%#			
35) Dibromofluoromethane	7.634	113	958254	152.597	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 305.200%#			
50) Toluene-d8	10.109	98	3523138	151.683	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 303.360%#			
62) 4-Bromofluorobenzene	12.408	95	1291176	144.573	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 289.140%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	511912	153.600	ug/l	98
3) Chloromethane	2.068	50	735523	137.740	ug/l	97
4) Vinyl Chloride	2.208	62	841865	145.798	ug/l	99
5) Bromomethane	2.592	94	563600	158.904	ug/l	99
6) Chloroethane	2.732	64	554682	147.444	ug/l	98
7) Trichlorofluoromethane	3.056	101	1438666	149.467	ug/l	97
8) Diethyl Ether	3.452	74	498721	154.358	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.812	101	877506	147.374	ug/l	98
10) Methyl Iodide	4.001	142	1147764	150.349	ug/l	96
11) Tert butyl alcohol	4.866	59	370262	767.152	ug/l	# 82
12) 1,1-Dichloroethene	3.787	96	862734	150.662	ug/l	90
13) Acrolein	3.653	56	172160	771.380	ug/l	98
14) Allyl chloride	4.379	41	1560254	151.939	ug/l	# 90
15) Acrylonitrile	5.055	53	1077939	773.757	ug/l	99
16) Acetone	3.873	43	1054082	740.331	ug/l	88
17) Carbon Disulfide	4.104	76	2452023	158.486	ug/l	98
18) Methyl Acetate	4.379	43	562135	145.485	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	2459217	151.634	ug/l	99
20) Methylene Chloride	4.610	84	938737	144.572	ug/l	88
21) trans-1,2-Dichloroethene	5.110	96	961147	153.134	ug/l	89
22) Diisopropyl ether	6.012	45	3184283	151.004	ug/l	93
23) Vinyl Acetate	5.957	43	9285220	770.882	ug/l	95
24) 1,1-Dichloroethane	5.909	63	1786678	150.990	ug/l	98
25) 2-Butanone	6.890	43	1526745	753.947	ug/l	88
26) 2,2-Dichloropropane	6.884	77	1617426	151.532	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	1171360	153.637	ug/l	90
28) Bromochloromethane	7.244	49	778867	156.438	ug/l	87
29) Tetrahydrofuran	7.262	42	943707	766.473	ug/l	86
30) Chloroform	7.421	83	1832867	151.732	ug/l	99
31) Cyclohexane	7.701	56	1494747	139.750	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	1639371	151.410	ug/l	97
36) 1,1-Dichloropropene	7.835	75	1282693	150.114	ug/l	98
37) Ethyl Acetate	6.982	43	675387	154.263	ug/l	95
38) Carbon Tetrachloride	7.817	117	1439147	149.354	ug/l	99
39) Methylcyclohexane	9.109	83	1703946	149.846	ug/l	91
40) Benzene	8.079	78	3933090	149.443	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	381338	150.062	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	1077120	152.095	ug/l	97
43) Isopropyl Acetate	8.195	43	1404869	152.735	ug/l	91
44) Trichloroethene	8.866	130	1021555	150.926	ug/l	93
45) 1,2-Dichloropropane	9.140	63	959151	149.072	ug/l	99
46) Dibromomethane	9.231	93	539711	153.391	ug/l	97
47) Bromodichloromethane	9.426	83	1421136	150.256	ug/l	98
48) Methyl methacrylate	9.219	41	663275	152.700	ug/l #	85
49) 1,4-Dioxane	9.231	88	127374	3075.110	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	3469233	749.699	ug/l	93
52) Toluene	10.170	92	2539462	150.029	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	1385789	153.702	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	1589393	151.393	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	729514	150.138	ug/l	98
56) Ethyl methacrylate	10.438	69	1157985	156.886	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	1248066	149.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	2676298	781.223	ug/l	98
59) 2-Hexanone	10.762	43	2526599	744.745	ug/l	90
60) Dibromochloromethane	10.914	129	982984	152.932	ug/l	99
61) 1,2-Dibromoethane	11.018	107	676552	149.438	ug/l	99
64) Tetrachloroethene	10.646	164	872873	148.769	ug/l	94
65) Chlorobenzene	11.444	112	2793758	149.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	950878	147.356	ug/l	99
67) Ethyl Benzene	11.517	91	4834228	145.979	ug/l	97
68) m/p-Xylenes	11.627	106	3692854	294.913	ug/l	97
69) o-Xylene	11.956	106	1804674	147.368	ug/l	96
70) Styrene	11.969	104	3051114	147.570	ug/l	96
71) Bromoform	12.133	173	561403	152.319	ug/l #	98
73) Isopropylbenzene	12.255	105	4651028	147.337	ug/l	99
74) N-amyl acetate	12.072	43	1362340	158.685	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	854201	152.453	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	542975m	73.854	ug/l	
77) Bromobenzene	12.536	156	1060269	151.442	ug/l	91
78) n-propylbenzene	12.597	91	5478908	146.433	ug/l	99
79) 2-Chlorotoluene	12.682	91	3250419	149.068	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	3778892	147.252	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	327568	154.186	ug/l	96
82) 4-Chlorotoluene	12.779	91	3363657	150.049	ug/l	96
83) tert-Butylbenzene	12.999	119	3409672	146.764	ug/l	94
84) 1,2,4-Trimethylbenzene	13.048	105	3735177	147.038	ug/l	98
85) sec-Butylbenzene	13.176	105	4900654	145.203	ug/l	99
86) p-Isopropyltoluene	13.292	119	4045603	146.510	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	2028252	149.091	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	2020725	149.671	ug/l	97
89) n-Butylbenzene	13.621	91	3908663	148.067	ug/l	98
90) Hexachloroethane	13.883	117	875771	152.427	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	1832668	150.963	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	143939	154.141	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	1167523	158.125	ug/l	97
94) Hexachlorobutadiene	15.023	225	589456	149.441	ug/l	99
95) Naphthalene	15.145	128	2420935	163.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	1012598	160.332	ug/l	98

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

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