

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070924\
 Data File : VY018754.D
 Acq On : 09 Jul 2024 13:13
 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: Jul 09 14:20:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:18:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/10/2024
 Supervised By :Semsettin Yesilyurt 07/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	122020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	188659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	168902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	189669	157.965	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 315.940%#			
35) Dibromofluoromethane	7.704	113	188198	159.272	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 318.540%#			
50) Toluene-d8	10.173	98	693281	154.866	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 309.740%#			
62) 4-Bromofluorobenzene	12.477	95	239057	156.370	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 312.740%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	137597	134.577	ug/l	99
3) Chloromethane	2.101	50	228656	147.166	ug/l	99
4) Vinyl Chloride	2.241	62	253693	139.579	ug/l	99
5) Bromomethane	2.613	94	169597	135.654	ug/l	98
6) Chloroethane	2.772	64	161351	136.643	ug/l	99
7) Trichlorofluoromethane	3.101	101	331716	139.666	ug/l	97
8) Diethyl Ether	3.509	74	89015	153.772	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.875	101	161799	132.777	ug/l	95
10) Methyl Iodide	4.070	142	206058	157.030	ug/l	92
11) Tert butyl alcohol	4.948	59	64456	529.926	ug/l #	82
12) 1,1-Dichloroethene	3.845	96	166517	141.252	ug/l	98
13) Acrolein	3.710	56	73234	751.504	ug/l	99
14) Allyl chloride	4.454	41	226369	154.998	ug/l	90
15) Acrylonitrile	5.137	53	173760	760.882	ug/l	99
16) Acetone	3.930	43	179962	812.970	ug/l #	87
17) Carbon Disulfide	4.174	76	486214	147.295	ug/l	100
18) Methyl Acetate	4.460	43	93246	144.972	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	421134	153.996	ug/l	98
20) Methylene Chloride	4.692	84	175752	150.135	ug/l	92
21) trans-1,2-Dichloroethene	5.198	96	182729	146.863	ug/l	98
22) Diisopropyl ether	6.100	45	498089	156.787	ug/l	91
23) Vinyl Acetate	6.039	43	2048752	818.575	ug/l	96
24) 1,1-Dichloroethane	5.997	63	304251	149.999	ug/l	99
25) 2-Butanone	6.972	43	249093	802.774	ug/l	89
26) 2,2-Dichloropropane	6.966	77	287713	152.875	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	215491	148.760	ug/l	96
28) Bromochloromethane	7.320	49	122329	150.157	ug/l	99
29) Tetrahydrofuran	7.332	42	149023	783.395	ug/l	93
30) Chloroform	7.490	83	337970	149.506	ug/l	99
31) Cyclohexane	7.771	56	232637	126.113	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	316935	150.770	ug/l	99
36) 1,1-Dichloropropene	7.905	75	231088	141.715	ug/l	100
37) Ethyl Acetate	7.064	43	104048	153.508	ug/l	97
38) Carbon Tetrachloride	7.893	117	289982	147.648	ug/l	98
39) Methylcyclohexane	9.173	83	288302	137.963	ug/l	97
40) Benzene	8.149	78	710221	150.140	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	55801	151.229	ug/l	93
42) 1,2-Dichloroethane	8.228	62	201770	152.346	ug/l	95
43) Isopropyl Acetate	8.265	43	212401	157.486	ug/l	93
44) Trichloroethene	8.935	130	201557	149.062	ug/l	97
45) 1,2-Dichloropropane	9.209	63	154395	149.885	ug/l	99
46) Dibromomethane	9.301	93	102079	152.883	ug/l	97
47) Bromodichloromethane	9.490	83	261033	156.493	ug/l	98
48) Methyl methacrylate	9.283	41	100031	163.175	ug/l #	84
49) 1,4-Dioxane	9.295	88	23577	3012.309	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	559822	812.996	ug/l	92
52) Toluene	10.240	92	469035	149.180	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	235668	163.638	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	267211	158.155	ug/l #	90
55) 1,1,2-Trichloroethane	10.636	97	128379	151.836	ug/l	99
56) Ethyl methacrylate	10.502	69	181387	162.947	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	215932	154.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	408420	767.967	ug/l	96
59) 2-Hexanone	10.825	43	406913	844.680	ug/l	88
60) Dibromochloromethane	10.977	129	185769	159.907	ug/l	100
61) 1,2-Dibromoethane	11.081	107	124406	151.347	ug/l	99
64) Tetrachloroethene	10.715	164	196191	143.505	ug/l	99
65) Chlorobenzene	11.508	112	529948	148.736	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	189690	154.521	ug/l	97
67) Ethyl Benzene	11.587	91	942562	151.009	ug/l	97
68) m/p-Xylenes	11.697	106	735946	300.462	ug/l	95
69) o-Xylene	12.026	106	352008	152.862	ug/l	98
70) Styrene	12.038	104	597337	155.463	ug/l	96
71) Bromoform	12.203	173	107735	161.006	ug/l #	98
73) Isopropylbenzene	12.325	105	900565	145.275	ug/l	99
74) N-amyl acetate	12.142	43	213335	168.277	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.575	83	141633	144.930	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	112324m	157.672	ug/l	
77) Bromobenzene	12.605	156	216047	145.988	ug/l	96
78) n-propylbenzene	12.666	91	1060414	144.048	ug/l	98
79) 2-Chlorotoluene	12.752	91	600943	145.179	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	744306	146.743	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	48397	163.272	ug/l #	84
82) 4-Chlorotoluene	12.849	91	623503	146.282	ug/l	99
83) tert-Butylbenzene	13.069	119	679286	145.060	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	754338	149.661	ug/l	100
85) sec-Butylbenzene	13.251	105	927614	139.558	ug/l	97
86) p-Isopropyltoluene	13.367	119	850003	148.130	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	436212	150.077	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	412087	143.047	ug/l	99
89) n-Butylbenzene	13.690	91	725469	139.455	ug/l	98
90) Hexachloroethane	13.959	117	159167	149.151	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	364369	145.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	23337	147.374	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	229761	149.908	ug/l	97
94) Hexachlorobutadiene	15.111	225	116537	131.915	ug/l	99
95) Naphthalene	15.233	128	430426	163.704	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	198294	151.210	ug/l	99

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

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