

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070924\
 Data File : VY018753.D
 Acq On : 09 Jul 2024 12:48
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 09 14:20:04 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	123289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	189888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	164139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	116624	96.130	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 192.260%#			
35) Dibromofluoromethane	7.703	113	119381	100.379	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 200.760%#			
50) Toluene-d8	10.172	98	451429	100.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 200.380%#			
62) 4-Bromofluorobenzene	12.477	95	150813	98.010	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 196.020%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	101366	98.120	ug/l	100
3) Chloromethane	2.107	50	145685	92.800	ug/l	99
4) Vinyl Chloride	2.241	62	174097	94.801	ug/l	97
5) Bromomethane	2.631	94	117805	93.258	ug/l	100
6) Chloroethane	2.777	64	111781	93.689	ug/l	99
7) Trichlorofluoromethane	3.101	101	231492	96.465	ug/l	96
8) Diethyl Ether	3.515	74	53972	92.276	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.875	101	114858	93.286	ug/l	96
10) Methyl Iodide	4.070	142	144156	108.726	ug/l	92
11) Tert butyl alcohol	4.942	59	35505	288.901	ug/l	98
12) 1,1-Dichloroethene	3.850	96	113121	94.970	ug/l	95
13) Acrolein	3.710	56	43559	442.388	ug/l	99
14) Allyl chloride	4.454	41	146360	99.183	ug/l	91
15) Acrylonitrile	5.137	53	101814	441.247	ug/l	97
16) Acetone	3.930	43	102943	460.253	ug/l #	87
17) Carbon Disulfide	4.174	76	324471	97.284	ug/l	98
18) Methyl Acetate	4.460	43	58683	90.297	ug/l	95
19) Methyl tert-butyl Ether	5.204	73	254531	92.116	ug/l	98
20) Methylene Chloride	4.692	84	118720	98.545	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	121470	96.623	ug/l	98
22) Diisopropyl ether	6.106	45	309926	96.553	ug/l	95
23) Vinyl Acetate	6.039	43	1177253	465.528	ug/l	95
24) 1,1-Dichloroethane	5.996	63	197665	96.448	ug/l	98
25) 2-Butanone	6.966	43	137025	437.057	ug/l	91
26) 2,2-Dichloropropane	6.966	77	187415	98.557	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	140199	95.787	ug/l	98
28) Bromochloromethane	7.319	49	78020	94.783	ug/l	99
29) Tetrahydrofuran	7.332	42	82982	431.736	ug/l	94
30) Chloroform	7.496	83	223287	97.757	ug/l	99
31) Cyclohexane	7.771	56	166812	89.499	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	208754	98.285	ug/l	98
36) 1,1-Dichloropropene	7.905	75	156681	95.463	ug/l	99
37) Ethyl Acetate	7.057	43	58053	85.095	ug/l	99
38) Carbon Tetrachloride	7.886	117	195545	98.920	ug/l	100
39) Methylcyclohexane	9.173	83	202650	96.348	ug/l	96
40) Benzene	8.148	78	463555	97.361	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	37257m	100.318	ug/l	
42) 1,2-Dichloroethane	8.228	62	123551	92.683	ug/l	98
43) Isopropyl Acetate	8.264	43	121019	89.149	ug/l	93
44) Trichloroethene	8.929	130	131102	96.329	ug/l	97
45) 1,2-Dichloropropane	9.209	63	99613	96.077	ug/l	98
46) Dibromomethane	9.295	93	62680	93.268	ug/l	98
47) Bromodichloromethane	9.490	83	164575	98.026	ug/l	98
48) Methyl methacrylate	9.282	41	54489	88.310	ug/l #	87
49) 1,4-Dioxane	9.289	88	13077	1659.965	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	303536	437.954	ug/l	92
52) Toluene	10.240	92	307649	97.217	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	145161	100.142	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	169464	99.652	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	76873	90.330	ug/l	97
56) Ethyl methacrylate	10.502	69	104586	93.345	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	132158	93.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	258115	482.202	ug/l	96
59) 2-Hexanone	10.825	43	215383	444.204	ug/l	89
60) Dibromochloromethane	10.977	129	113261	96.862	ug/l	99
61) 1,2-Dibromoethane	11.081	107	76839	92.874	ug/l	97
64) Tetrachloroethene	10.715	164	118632	89.292	ug/l	98
65) Chlorobenzene	11.514	112	335658	96.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	119357	100.049	ug/l	96
67) Ethyl Benzene	11.587	91	602994	99.410	ug/l	100
68) m/p-Xylenes	11.697	106	468446	196.801	ug/l	97
69) o-Xylene	12.026	106	219486	98.079	ug/l	96
70) Styrene	12.038	104	369502	98.957	ug/l	97
71) Bromoform	12.203	173	64502	99.193	ug/l #	96
73) Isopropylbenzene	12.325	105	578050	97.640	ug/l	99
74) N-amyl acetate	12.142	43	112407	92.842	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	84116	90.128	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	55075m	80.951	ug/l	
77) Bromobenzene	12.605	156	136447	96.543	ug/l	93
78) n-propylbenzene	12.666	91	685515	97.508	ug/l	97
79) 2-Chlorotoluene	12.751	91	383156	96.925	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	476078	98.282	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	26069	92.089	ug/l	86
82) 4-Chlorotoluene	12.849	91	395752	97.221	ug/l	99
83) tert-Butylbenzene	13.074	119	443894	99.258	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	472683	98.198	ug/l	99
85) sec-Butylbenzene	13.251	105	615154	96.908	ug/l	97
86) p-Isopropyltoluene	13.367	119	541998	98.903	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	267169	96.248	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	259381	94.279	ug/l	99
89) n-Butylbenzene	13.696	91	477537	96.119	ug/l	98
90) Hexachloroethane	13.958	117	103048	101.112	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	222318	92.717	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12598	83.304	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	134599	91.956	ug/l	98
94) Hexachlorobutadiene	15.111	225	77256	91.569	ug/l	98
95) Naphthalene	15.233	128	228843	91.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	113589	90.697	ug/l	98

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

