

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071822\
 Data File : VY009575.D
 Acq On : 18 Jul 2022 16:03
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 02:51:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 02:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	285006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	195661	98.701	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.400%#			
35) Dibromofluoromethane	7.710	113	196739	100.919	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.840%#			
50) Toluene-d8	10.173	98	761951	101.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 203.340%#			
62) 4-Bromofluorobenzene	12.477	95	249904	102.909	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 205.820%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	176791	96.123	ug/l	99
3) Chloromethane	2.107	50	257487	94.471	ug/l	98
4) Vinyl Chloride	2.241	62	273207	95.855	ug/l	97
5) Bromomethane	2.625	94	178439	92.497	ug/l	99
6) Chloroethane	2.778	64	166160	95.972	ug/l	98
7) Trichlorofluoromethane	3.113	101	329385	97.525	ug/l	93
8) Diethyl Ether	3.515	74	111462	100.868	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	191355	96.888	ug/l	94
10) Methyl Iodide	4.076	142	269811	102.844	ug/l	88
11) Tert butyl alcohol	4.948	59	90286	386.609	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	190278	98.714	ug/l	82
13) Acrolein	3.716	56	69009	486.929	ug/l	97
14) Allyl chloride	4.466	41	303050	101.634	ug/l #	92
15) Acrylonitrile	5.149	53	277974	509.333	ug/l	98
16) Acetone	3.936	43	264333	527.110	ug/l #	88
17) Carbon Disulfide	4.180	76	586395	97.858	ug/l	99
18) Methyl Acetate	4.466	43	129656	92.107	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	530074	104.341	ug/l	98
20) Methylene Chloride	4.698	84	225419	62.862	ug/l	87
21) trans-1,2-Dichloroethene	5.204	96	217095	99.509	ug/l	87
22) Diisopropyl ether	6.106	45	662963	104.122	ug/l	94
23) Vinyl Acetate	6.051	43	2183236	543.455	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	366254	99.593	ug/l	98
25) 2-Butanone	6.978	43	391036	534.570	ug/l #	90
26) 2,2-Dichloropropane	6.972	77	324408	98.471	ug/l	94
27) cis-1,2-Dichloroethene	6.972	96	242646	100.596	ug/l	88
28) Bromochloromethane	7.325	49	165568	105.077	ug/l	85
29) Tetrahydrofuran	7.338	42	252978	526.756	ug/l	91
30) Chloroform	7.496	83	374419	99.528	ug/l	99
31) Cyclohexane	7.777	56	337685	96.607	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	337914	100.143	ug/l	96
36) 1,1-Dichloropropene	7.911	75	294880	102.360	ug/l	96
37) Ethyl Acetate	7.063	43	168116	104.853	ug/l	96
38) Carbon Tetrachloride	7.892	117	306859	101.755	ug/l	97
39) Methylcyclohexane	9.179	83	374867	105.533	ug/l	91
40) Benzene	8.155	78	854892	101.417	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	78526m	98.817	ug/l	
42) 1,2-Dichloroethane	8.228	62	239792	101.405	ug/l	91
43) Isopropyl Acetate	8.264	43	314322	106.988	ug/l #	93
44) Trichloroethene	8.935	130	242419	101.120	ug/l	96
45) 1,2-Dichloropropane	9.209	63	212850	102.920	ug/l	93
46) Dibromomethane	9.301	93	124528	103.675	ug/l	97
47) Bromodichloromethane	9.490	83	289747	102.875	ug/l	100
48) Methyl methacrylate	9.289	41	143793	110.779	ug/l #	87
49) 1,4-Dioxane	9.295	88	35206	2198.908	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	834934	547.340	ug/l	92
52) Toluene	10.240	92	555428	104.022	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	310944	106.890	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	350657	106.014	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	174393	103.092	ug/l	98
56) Ethyl methacrylate	10.508	69	246359	113.832	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	291193	103.732	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	644232	801.481	ug/l	96
59) 2-Hexanone	10.825	43	594736	560.558	ug/l	90
60) Dibromochloromethane	10.977	129	213525	104.313	ug/l	99
61) 1,2-Dibromoethane	11.087	107	171174	103.714	ug/l	99
64) Tetrachloroethene	10.715	164	224508	100.654	ug/l	98
65) Chlorobenzene	11.514	112	581583	99.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	222607	102.876	ug/l	98
67) Ethyl Benzene	11.587	91	1059936	103.477	ug/l	96
68) m/p-Xylenes	11.697	106	848848	208.224	ug/l	91
69) o-Xylene	12.026	106	402559	105.522	ug/l	90
70) Styrene	12.038	104	683788	107.765	ug/l	94
71) Bromoform	12.203	173	141328	103.498	ug/l #	100
73) Isopropylbenzene	12.325	105	1033817	103.143	ug/l	99
74) N-amyl acetate	12.142	43	296293	111.151	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	199537	99.405	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	134290m	94.161	ug/l	
77) Bromobenzene	12.605	156	254140	100.830	ug/l	90
78) n-propylbenzene	12.666	91	1247953	103.039	ug/l	98
79) 2-Chlorotoluene	12.751	91	688683	102.559	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	856287	103.388	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	74177	106.059	ug/l #	85
82) 4-Chlorotoluene	12.849	91	709783	101.887	ug/l	96
83) tert-Butylbenzene	13.068	119	771241	104.813	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	861537	104.014	ug/l	97
85) sec-Butylbenzene	13.251	105	1126543	103.262	ug/l	99
86) p-Isopropyltoluene	13.367	119	967873	105.568	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	503084	100.900	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	491921	99.507	ug/l	97
89) n-Butylbenzene	13.690	91	876449	104.673	ug/l	99
90) Hexachloroethane	13.958	117	177201	100.322	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	438520	100.677	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	31863	104.340	ug/l	71
93) 1,2,4-Trichlorobenzene	15.007	180	285969	104.604	ug/l	99
94) Hexachlorobutadiene	15.111	225	161523	99.595	ug/l	98
95) Naphthalene	15.233	128	580473	111.213	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	251960	104.920	ug/l	100

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

