

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008659.D
 Acq On : 09 May 2022 12:25
 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 : Mahesh Dadoda 05/10/2022
 Supervised By : Semsettin Yesilyurt 05/10/2022

Quant Time: May 09 12:54:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 12:39:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	258573	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	402074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	371177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	216835	79.015	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 158.020%			
35) Dibromofluoromethane	7.716	113	247761	100.787	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.580%#			
50) Toluene-d8	10.179	98	889166	94.056	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 188.120%#			
62) 4-Bromofluorobenzene	12.483	95	312853	90.471	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 180.940%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	131478	85.256	ug/l	97
3) Chloromethane	2.119	50	160895	51.359	ug/l	96
4) Vinyl Chloride	2.259	62	229339	79.937	ug/l	97
5) Bromomethane	2.656	94	159667	42.478	ug/l	96
6) Chloroethane	2.802	64	139413	44.737	ug/l	97
7) Trichlorofluoromethane	3.125	101	249439	62.592	ug/l	92
8) Diethyl Ether	3.521	74	150325	87.619	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.899	101	259451	95.951	ug/l	94
10) Methyl Iodide	4.088	142	429664	105.279	ug/l	# 86
11) Tert butyl alcohol	4.948	59	94657	354.400	ug/l	# 94
12) 1,1-Dichloroethene	3.869	96	273869	103.108	ug/l	# 77
13) Acrolein	3.723	56	109656	660.146	ug/l	99
14) Allyl chloride	4.472	41	347055	91.450	ug/l	# 83
15) Acrylonitrile	5.155	53	341278	411.306	ug/l	97
16) Acetone	3.942	43	240212	382.227	ug/l	# 81
17) Carbon Disulfide	4.192	76	732345	105.344	ug/l	100
18) Methyl Acetate	4.472	43	145787	64.783	ug/l	# 80
19) Methyl tert-butyl Ether	5.216	73	460587	82.139	ug/l	95
20) Methylene Chloride	4.710	84	295111	81.475	ug/l	# 77
21) trans-1,2-Dichloroethene	5.216	96	302453	92.681	ug/l	# 80
22) Diisopropyl ether	6.112	45	739029	85.600	ug/l	# 88
23) Vinyl Acetate	6.051	43	2414321	420.532	ug/l	# 86
24) 1,1-Dichloroethane	6.015	63	478727	87.245	ug/l	97
25) 2-Butanone	6.978	43	401610	385.088	ug/l	# 79
26) 2,2-Dichloropropane	6.978	77	309632	84.894	ug/l	88
27) cis-1,2-Dichloroethene	6.978	96	340743	91.232	ug/l	77
28) Bromochloromethane	7.332	49	161852	75.296	ug/l	# 62
29) Tetrahydrofuran	7.338	42	266820	386.613	ug/l	# 76
30) Chloroform	7.502	83	503489	87.699	ug/l	100
31) Cyclohexane	7.783	56	417471	85.899	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	414094	87.454	ug/l	# 93
36) 1,1-Dichloropropene	7.917	75	392489	99.884	ug/l	94
37) Ethyl Acetate	7.069	43	186172	87.953	ug/l	# 90
38) Carbon Tetrachloride	7.899	117	406692	103.630	ug/l	99
39) Methylcyclohexane	9.179	83	532975	101.850	ug/l	# 84
40) Benzene	8.155	78	1147238	100.083	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	105464m	98.656	ug/l	
42) 1,2-Dichloroethane	8.234	62	290557	87.438	ug/l	87
43) Isopropyl Acetate	8.270	43	345284	88.569	ug/l #	84
44) Trichloroethene	8.935	130	341601	102.247	ug/l	98
45) 1,2-Dichloropropane	9.215	63	279887	97.718	ug/l	96
46) Dibromomethane	9.301	93	173296	88.703	ug/l	96
47) Bromodichloromethane	9.496	83	392433	93.582	ug/l	99
48) Methyl methacrylate	9.289	41	155032	87.459	ug/l #	72
49) 1,4-Dioxane	9.301	88	43238	2012.316	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	891956	416.395	ug/l #	82
52) Toluene	10.246	92	755925	95.222	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	419675	86.439	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	483483	96.230	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	244977	86.701	ug/l	98
56) Ethyl methacrylate	10.508	69	323843	89.386	ug/l #	69
57) 1,3-Dichloropropane	10.788	76	400086	88.129	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	790430	469.916	ug/l #	89
59) 2-Hexanone	10.831	43	622280	408.052	ug/l	77
60) Dibromochloromethane	10.983	129	305176	93.220	ug/l	100
61) 1,2-Dibromoethane	11.087	107	243098	90.709	ug/l	99
64) Tetrachloroethene	10.721	164	286607	101.003	ug/l	99
65) Chlorobenzene	11.520	112	831618	99.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	309410	101.400	ug/l	97
67) Ethyl Benzene	11.593	91	1456193	99.664	ug/l	96
68) m/p-Xylenes	11.703	106	1163995	181.337	ug/l	90
69) o-Xylene	12.032	106	551812	87.358	ug/l	89
70) Styrene	12.044	104	931141	86.642	ug/l	93
71) Bromoform	12.209	173	195398	87.031	ug/l #	99
73) Isopropylbenzene	12.331	105	1437100	93.987	ug/l	98
74) N-amyl acetate	12.142	43	304347	79.403	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.587	83	278315	88.604	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	213110m	103.773	ug/l	
77) Bromobenzene	12.611	156	347169	101.729	ug/l	88
78) n-propylbenzene	12.672	91	1698333	103.328	ug/l	97
79) 2-Chlorotoluene	12.757	91	931178	105.522	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	1161691	106.970	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	102141	92.449	ug/l #	77
82) 4-Chlorotoluene	12.855	91	949689	102.945	ug/l	94
83) tert-Butylbenzene	13.075	119	1028948	103.208	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	1141245	103.597	ug/l	96
85) sec-Butylbenzene	13.257	105	1536786	103.305	ug/l	98
86) p-Isopropyltoluene	13.373	119	1293661	103.773	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	673899	102.263	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	661129	100.602	ug/l	98
89) n-Butylbenzene	13.696	91	1179918	102.031	ug/l	97
90) Hexachloroethane	13.965	117	246481	100.867	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	593513	102.081	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	39977	82.702	ug/l	59
93) 1,2,4-Trichlorobenzene	15.013	180	396829	105.449	ug/l	100
94) Hexachlorobutadiene	15.117	225	218354	110.054	ug/l	99
95) Naphthalene	15.239	128	806429	100.014	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	347288	104.253	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

