

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072724.D
 Acq On : 09 Jun 2022 12:25
 Operator : JC\MD
 Sample : VN0609WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 09 15:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	196649	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	347892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	364328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	169722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	276108	52.314	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.620%			
35) Dibromofluoromethane	8.016	113	186540	54.190	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.380%			
50) Toluene-d8	10.439	98	746142	54.327	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.660%			
62) 4-Bromofluorobenzene	12.727	95	258924	54.940	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	54879	17.204	ug/l	96
3) Chloromethane	2.293	50	62216	17.791	ug/l	98
4) Vinyl Chloride	2.434	62	57853	16.562	ug/l	97
5) Bromomethane	2.834	94	33920	19.956	ug/l	92
6) Chloroethane	3.004	64	40709	17.920	ug/l	93
7) Trichlorofluoromethane	3.363	101	99244	17.850	ug/l	97
8) Diethyl Ether	3.816	74	38633	17.090	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.204	101	53947	17.719	ug/l	89
10) Methyl Iodide	4.422	142	46566	16.404	ug/l	# 85
11) Tert butyl alcohol	5.363	59	91913	73.002	ug/l	99
12) 1,1-Dichloroethene	4.181	96	47639	16.789	ug/l	89
13) Acrolein	4.040	56	33696	64.801	ug/l	94
14) Allyl chloride	4.834	41	106355	16.235	ug/l	89
15) Acrylonitrile	5.540	53	216854	81.292	ug/l	98
16) Acetone	4.275	43	221045	87.403	ug/l	98
17) Carbon Disulfide	4.528	76	108655	16.780	ug/l	98
18) Methyl Acetate	4.851	43	106251	16.147	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	223607	17.422	ug/l	99
20) Methylene Chloride	5.093	84	62715	17.234	ug/l	# 85
21) trans-1,2-Dichloroethene	5.592	96	53407	17.093	ug/l	93
22) Diisopropyl ether	6.487	45	229576	17.291	ug/l	# 93
23) Vinyl Acetate	6.428	43	1045722	86.025	ug/l	# 92
24) 1,1-Dichloroethane	6.381	63	120442	17.469	ug/l	98
25) 2-Butanone	7.328	43	330548	81.250	ug/l	91
26) 2,2-Dichloropropane	7.322	77	114035	18.292	ug/l	94
27) cis-1,2-Dichloroethene	7.316	96	69049	17.375	ug/l	87
28) Bromochloromethane	7.651	49	70118	21.532	ug/l	# 75
29) Tetrahydrofuran	7.681	42	205390	81.702	ug/l	90
30) Chloroform	7.810	83	126399	17.587	ug/l	97
31) Cyclohexane	8.086	56	105402	18.414	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	109685	17.270	ug/l	96
36) 1,1-Dichloropropene	8.216	75	88220	18.463	ug/l	94
37) Ethyl Acetate	7.410	43	126867	17.090	ug/l	95
38) Carbon Tetrachloride	8.198	117	93309	18.274	ug/l	94
39) Methylcyclohexane	9.457	83	99646	17.971	ug/l	93
40) Benzene	8.457	78	257008	17.725	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	68493	27.371	ug/l #	84
42) 1,2-Dichloroethane	8.522	62	109478	18.210	ug/l	95
43) Isopropyl Acetate	8.557	43	200286	17.324	ug/l #	93
44) Trichloroethene	9.210	130	60991	18.067	ug/l	86
45) 1,2-Dichloropropane	9.486	63	70817	18.074	ug/l	99
46) Dibromomethane	9.575	93	48308	17.637	ug/l #	83
47) Bromodichloromethane	9.763	83	103018	18.296	ug/l	97
48) Methyl methacrylate	9.557	41	96504	17.643	ug/l	84
49) 1,4-Dioxane	9.563	88	33204	332.089	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	658486	87.459	ug/l	91
52) Toluene	10.498	92	164729	18.196	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	111829	17.879	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	117389	18.164	ug/l #	89
55) 1,1,2-Trichloroethane	10.892	97	70198	17.968	ug/l	95
56) Ethyl methacrylate	10.757	69	122163	17.680	ug/l #	81
57) 1,3-Dichloropropane	11.039	76	125267	17.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	210680	76.506	ug/l	93
59) 2-Hexanone	11.080	43	504547	91.133	ug/l	88
60) Dibromochloromethane	11.233	129	74164	18.290	ug/l	99
61) 1,2-Dibromoethane	11.345	107	69649	17.395	ug/l	98
64) Tetrachloroethene	10.974	164	52086	16.981	ug/l	89
65) Chlorobenzene	11.769	112	174560	17.980	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	67812	17.559	ug/l	98
67) Ethyl Benzene	11.839	91	330280	18.093	ug/l	96
68) m/p-Xylenes	11.951	106	243225	37.493	ug/l	91
69) o-Xylene	12.274	106	121877	18.690	ug/l	93
70) Styrene	12.292	104	193154	18.846	ug/l	95
71) Bromoform	12.457	173	49599	18.259	ug/l #	100
73) Isopropylbenzene	12.574	105	322493	17.714	ug/l	96
74) N-amyl acetate	12.386	43	148448	17.544	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.827	83	110728	17.521	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	110257m	20.132	ug/l	
77) Bromobenzene	12.857	156	62571	17.435	ug/l	68
78) n-propylbenzene	12.916	91	364096	18.317	ug/l	96
79) 2-Chlorotoluene	13.004	91	224137	17.975	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	261949	18.159	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	35007	16.716	ug/l #	86
82) 4-Chlorotoluene	13.104	91	208218	18.079	ug/l	94
83) tert-Butylbenzene	13.321	119	234207	18.486	ug/l	90
84) 1,2,4-Trimethylbenzene	13.363	105	256464	18.582	ug/l	94
85) sec-Butylbenzene	13.498	105	318637	18.639	ug/l	98
86) p-Isopropyltoluene	13.610	119	253746	18.869	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	112797	18.505	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	109319	18.306	ug/l	96
89) n-Butylbenzene	13.939	91	213774	18.868	ug/l	97
90) Hexachloroethane	14.210	117	50904	17.489	ug/l	74
91) 1,2-Dichlorobenzene	13.986	146	112080	18.759	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.604	75	23956	15.693	ug/l	72
93) 1,2,4-Trichlorobenzene	15.262	180	53983	18.782	ug/l	96
94) Hexachlorobutadiene	15.368	225	26430	20.528	ug/l	96
95) Naphthalene	15.504	128	196232	17.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	54626	19.086	ug/l	96

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

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