

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072209.D
 Acq On : 27 Apr 2022 12:19
 Operator : JC\MD
 Sample : VN0427WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 28 06:01:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	282169	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	468279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	432390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	164548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	212151	48.974	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.940%		
35) Dibromofluoromethane	8.016	113	153467	51.203	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.400%		
50) Toluene-d8	10.439	98	608425	51.660	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.320%		
62) 4-Bromofluorobenzene	12.727	95	201456	51.535	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	61998	19.500	ug/l	98
3) Chloromethane	2.299	50	69267	19.016	ug/l	98
4) Vinyl Chloride	2.440	62	54678	17.214	ug/l	98
5) Bromomethane	2.851	94	33538	20.746	ug/l	97
6) Chloroethane	3.016	64	33210	17.417	ug/l	99
7) Trichlorofluoromethane	3.375	101	102036	18.387	ug/l	99
8) Diethyl Ether	3.828	74	38258	19.039	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.216	101	57776	19.820	ug/l	94
10) Methyl Iodide	4.422	142	64271	18.164	ug/l	# 89
11) Tert butyl alcohol	5.357	59	66417	93.297	ug/l	97
12) 1,1-Dichloroethene	4.187	96	50668	18.801	ug/l	92
13) Acrolein	4.040	56	63667	88.869	ug/l	99
14) Allyl chloride	4.845	41	102994	18.407	ug/l	94
15) Acrylonitrile	5.551	53	198787	92.535	ug/l	99
16) Acetone	4.287	43	168300	90.112	ug/l	100
17) Carbon Disulfide	4.534	76	118309	18.886	ug/l	96
18) Methyl Acetate	4.857	43	96750	18.505	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	206320	19.531	ug/l	99
20) Methylene Chloride	5.098	84	67705	18.912	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	55395	18.641	ug/l	84
22) Diisopropyl ether	6.498	45	224236	19.456	ug/l	94
23) Vinyl Acetate	6.428	43	928178	95.888	ug/l	94
24) 1,1-Dichloroethane	6.381	63	121917	18.911	ug/l	97
25) 2-Butanone	7.334	43	268060	90.123	ug/l	93
26) 2,2-Dichloropropane	7.322	77	98758	19.611	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	67813	18.718	ug/l	89
28) Bromochloromethane	7.651	49	57734	19.999	ug/l	# 79
29) Tetrahydrofuran	7.681	42	181443	92.952	ug/l	89
30) Chloroform	7.816	83	124094	19.171	ug/l	96
31) Cyclohexane	8.092	56	108020	18.662	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	107666	19.545	ug/l	99
36) 1,1-Dichloropropene	8.216	75	84553	19.381	ug/l	96
37) Ethyl Acetate	7.410	43	113431	19.578	ug/l	97
38) Carbon Tetrachloride	8.204	117	92382	19.771	ug/l	96
39) Methylcyclohexane	9.457	83	96988	19.877	ug/l	93
40) Benzene	8.457	78	262561	19.403	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	55102	18.800	ug/l	87
42) 1,2-Dichloroethane	8.528	62	101717	19.634	ug/l	98
43) Isopropyl Acetate	8.557	43	165976	18.754	ug/l #	95
44) Trichloroethene	9.210	130	59964	19.049	ug/l	83
45) 1,2-Dichloropropane	9.486	63	70816	19.367	ug/l	98
46) Dibromomethane	9.569	93	46211	20.174	ug/l	90
47) Bromodichloromethane	9.757	83	94995	19.765	ug/l	99
48) Methyl methacrylate	9.557	41	72245	18.877	ug/l	95
49) 1,4-Dioxane	9.569	88	28217	419.726	ug/l #	85
51) 4-Methyl-2-Pentanone	10.327	43	535678	97.992	ug/l	95
52) Toluene	10.498	92	165900	20.507	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	96282	19.928	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	106987	20.475	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	66455	19.592	ug/l	98
56) Ethyl methacrylate	10.757	69	103563	18.974	ug/l	92
57) 1,3-Dichloropropane	11.039	76	118282	19.872	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	117199	85.863	ug/l	92
59) 2-Hexanone	11.080	43	379444	98.518	ug/l	94
60) Dibromochloromethane	11.233	129	70543	20.338	ug/l	98
61) 1,2-Dibromoethane	11.339	107	66503	19.936	ug/l	100
64) Tetrachloroethene	10.974	164	52647	20.227	ug/l	93
65) Chlorobenzene	11.763	112	169953	19.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	65489	19.894	ug/l	97
67) Ethyl Benzene	11.839	91	311533	20.447	ug/l	97
68) m/p-Xylenes	11.951	106	229543	40.572	ug/l	92
69) o-Xylene	12.274	106	111736	20.372	ug/l	91
70) Styrene	12.286	104	179531	20.780	ug/l	96
71) Bromoform	12.457	173	48853	19.953	ug/l #	98
73) Isopropylbenzene	12.574	105	296275	20.386	ug/l	98
74) N-amyl acetate	12.380	43	100669	18.489	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	104187	20.647	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	91943m	24.792	ug/l	
77) Bromobenzene	12.857	156	64395	18.737	ug/l	82
78) n-propylbenzene	12.916	91	327178	20.436	ug/l	96
79) 2-Chlorotoluene	13.004	91	209286	19.902	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	248806	20.557	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	27098	19.042	ug/l	92
82) 4-Chlorotoluene	13.104	91	191435	19.556	ug/l	96
83) tert-Butylbenzene	13.321	119	211262	19.880	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	243036	20.754	ug/l	95
85) sec-Butylbenzene	13.498	105	289631	20.906	ug/l	96
86) p-Isopropyltoluene	13.610	119	226152	20.938	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	108867	19.572	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	105124	19.434	ug/l	94
89) n-Butylbenzene	13.939	91	162044	19.587	ug/l	96
90) Hexachloroethane	14.210	117	43413	18.515	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	109385	19.952	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	18070	17.978	ug/l	81
93) 1,2,4-Trichlorobenzene	15.257	180	42446	18.357	ug/l	97
94) Hexachlorobutadiene	15.368	225	29077	19.792	ug/l	99
95) Naphthalene	15.504	128	118841	17.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	43098	18.823	ug/l	99

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

