

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072150.D
 Acq On : 22 Apr 2022 12:23
 Operator : JC\MD
 Sample : VN0422WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 03:14:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	467504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	736698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	677349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	267902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	261734	49.040	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.080%		
35) Dibromofluoromethane	8.016	113	232702	53.679	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.360%		
50) Toluene-d8	10.439	98	868244	48.960	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.727	95	284071	49.530	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	73263	19.712	ug/l	97
3) Chloromethane	2.299	50	80396	17.070	ug/l	95
4) Vinyl Chloride	2.446	62	78877	15.251	ug/l	96
5) Bromomethane	2.846	94	64185	19.090	ug/l	94
6) Chloroethane	3.010	64	51596	13.867	ug/l	96
7) Trichlorofluoromethane	3.375	101	115449	17.545	ug/l	98
8) Diethyl Ether	3.828	74	54018	19.424	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	71532	17.640	ug/l	96
10) Methyl Iodide	4.422	142	104426	18.422	ug/l	100
11) Tert butyl alcohol	5.357	59	83369	96.255	ug/l	97
12) 1,1-Dichloroethene	4.181	96	68244	17.685	ug/l	92
13) Acrolein	4.045	56	23591	22.339	ug/l	92
14) Allyl chloride	4.840	41	102891	16.428	ug/l	93
15) Acrylonitrile	5.551	53	252075	100.128	ug/l	99
16) Acetone	4.287	43	181071	79.386	ug/l	90
17) Carbon Disulfide	4.534	76	159336	17.996	ug/l	100
18) Methyl Acetate	4.851	43	107631	18.090	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	274534	19.150	ug/l	96
20) Methylene Chloride	5.098	84	93452	19.439	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	77439	18.281	ug/l	92
22) Diisopropyl ether	6.492	45	250569	18.377	ug/l	95
23) Vinyl Acetate	6.428	43	1025392	94.570	ug/l	98
24) 1,1-Dichloroethane	6.381	63	147628	18.443	ug/l	96
25) 2-Butanone	7.333	43	298083	90.653	ug/l	94
26) 2,2-Dichloropropane	7.322	77	117919	17.149	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	98450	18.952	ug/l	95
28) Bromochloromethane	7.657	49	54087	16.751	ug/l	92
29) Tetrahydrofuran	7.681	42	198513	93.236	ug/l	92
30) Chloroform	7.816	83	160397	18.978	ug/l	97
31) Cyclohexane	8.092	56	118162	16.280	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	127256	17.600	ug/l	96
36) 1,1-Dichloropropene	8.222	75	104669	17.290	ug/l	98
37) Ethyl Acetate	7.410	43	122357	18.466	ug/l	97
38) Carbon Tetrachloride	8.204	117	107881	18.183	ug/l	99
39) Methylcyclohexane	9.457	83	119575	16.593	ug/l	97
40) Benzene	8.457	78	363664	19.017	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	61556	18.973	ug/l	95
42) 1,2-Dichloroethane	8.528	62	119816	18.112	ug/l	97
43) Isopropyl Acetate	8.557	43	183641	16.663	ug/l	95
44) Trichloroethene	9.210	130	90614	18.392	ug/l	97
45) 1,2-Dichloropropane	9.486	63	92175	19.294	ug/l	97
46) Dibromomethane	9.575	93	64856	19.995	ug/l	95
47) Bromodichloromethane	9.757	83	126743	19.850	ug/l	97
48) Methyl methacrylate	9.557	41	84007	18.372	ug/l	90
49) 1,4-Dioxane	9.569	88	40486	364.447	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	598813	94.502	ug/l	95
52) Toluene	10.498	92	234197	19.374	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	127633	19.073	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	142600	19.286	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	101119	20.325	ug/l	98
56) Ethyl methacrylate	10.757	69	140686	19.822	ug/l	92
57) 1,3-Dichloropropane	11.039	76	163156	19.614	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	151483	81.590	ug/l	97
59) 2-Hexanone	11.080	43	413566	92.702	ug/l	93
60) Dibromochloromethane	11.233	129	100614	20.741	ug/l	99
61) 1,2-Dibromoethane	11.339	107	101279	20.681	ug/l	99
64) Tetrachloroethene	10.974	164	80238	17.939	ug/l	97
65) Chlorobenzene	11.763	112	252383	18.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	93808	19.167	ug/l	98
67) Ethyl Benzene	11.839	91	409184	17.821	ug/l	99
68) m/p-Xylenes	11.951	106	323739	36.697	ug/l	99
69) o-Xylene	12.274	106	164720	18.812	ug/l	95
70) Styrene	12.292	104	256096	19.303	ug/l	97
71) Bromoform	12.451	173	77946	20.914	ug/l #	98
73) Isopropylbenzene	12.574	105	394068	17.456	ug/l	99
74) N-amyl acetate	12.386	43	108178	16.724	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	147040	19.521	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	122821m	19.790	ug/l	
77) Bromobenzene	12.857	156	105870	18.707	ug/l	94
78) n-propylbenzene	12.915	91	411921	17.346	ug/l	99
79) 2-Chlorotoluene	13.004	91	273372	17.950	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	330502	18.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	35629	17.791	ug/l	98
82) 4-Chlorotoluene	13.098	91	251557	17.820	ug/l	98
83) tert-Butylbenzene	13.321	119	289106	17.682	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	333110	19.087	ug/l	99
85) sec-Butylbenzene	13.498	105	366210	17.278	ug/l	99
86) p-Isopropyltoluene	13.610	119	301240	17.825	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	162305	18.002	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	158108	17.975	ug/l	98
89) n-Butylbenzene	13.939	91	195594	15.605	ug/l	99
90) Hexachloroethane	14.204	117	55839	18.050	ug/l	91
91) 1,2-Dichlorobenzene	13.980	146	165310	18.676	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	22151	18.959	ug/l	96
93) 1,2,4-Trichlorobenzene	15.256	180	65682	16.848	ug/l	99
94) Hexachlorobutadiene	15.362	225	44074	16.883	ug/l	98
95) Naphthalene	15.504	128	165612	16.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	66584	17.757	ug/l	99

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

