

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072096.D
 Acq On : 20 Apr 2022 23:29
 Operator : JC\MD
 Sample : VN0420WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 03:38:13 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	8.080	168	519391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	820640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	738137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	290427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	267903	45.182	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.360%		
35) Dibromofluoromethane	8.016	113	235855	48.841	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.680%		
50) Toluene-d8	10.439	98	913657	46.251	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.500%		
62) 4-Bromofluorobenzene	12.727	95	297127	46.507	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	101905	24.679	ug/l	99
3) Chloromethane	2.298	50	115615	22.096	ug/l	100
4) Vinyl Chloride	2.440	62	113399	19.735	ug/l	97
5) Bromomethane	2.845	94	76617	20.512	ug/l	93
6) Chloroethane	3.010	64	74023	17.907	ug/l	98
7) Trichlorofluoromethane	3.369	101	157763	21.580	ug/l	99
8) Diethyl Ether	3.828	74	67930	21.987	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	95213	21.135	ug/l	97
10) Methyl Iodide	4.422	142	131553	20.890	ug/l	99
11) Tert butyl alcohol	5.363	59	111569	115.946	ug/l	98
12) 1,1-Dichloroethene	4.181	96	91700	21.390	ug/l	97
13) Acrolein	4.045	56	44591	38.006	ug/l	98
14) Allyl chloride	4.839	41	141572	20.346	ug/l	94
15) Acrylonitrile	5.551	53	321784	115.048	ug/l	97
16) Acetone	4.287	43	243340	96.029	ug/l	95
17) Carbon Disulfide	4.534	76	219538	22.319	ug/l	96
18) Methyl Acetate	4.857	43	140739	21.567	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	343710	21.581	ug/l	99
20) Methylene Chloride	5.092	84	114263	21.393	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	99419	21.125	ug/l	96
22) Diisopropyl ether	6.492	45	317666	20.971	ug/l	99
23) Vinyl Acetate	6.428	43	1320414	109.613	ug/l	99
24) 1,1-Dichloroethane	6.381	63	188837	21.235	ug/l	97
25) 2-Butanone	7.333	43	392546	107.455	ug/l	94
26) 2,2-Dichloropropane	7.322	77	137935	18.056	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	123871	21.464	ug/l	96
28) Bromochloromethane	7.651	49	66047	18.411	ug/l	98
29) Tetrahydrofuran	7.680	42	264734	111.917	ug/l	96
30) Chloroform	7.816	83	196647	20.942	ug/l	100
31) Cyclohexane	8.092	56	170371	21.128	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	168948	21.032	ug/l	97
36) 1,1-Dichloropropene	8.222	75	140770	20.875	ug/l	99
37) Ethyl Acetate	7.410	43	162474	22.012	ug/l	99
38) Carbon Tetrachloride	8.204	117	142143	21.507	ug/l	99
39) Methylcyclohexane	9.457	83	171506	21.365	ug/l	98
40) Benzene	8.457	78	458944	21.544	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	77778	21.521	ug/l	96
42) 1,2-Dichloroethane	8.527	62	148147	20.104	ug/l	98
43) Isopropyl Acetate	8.557	43	253558	20.653	ug/l	99
44) Trichloroethene	9.216	130	116783	21.279	ug/l	99
45) 1,2-Dichloropropane	9.486	63	113232	21.277	ug/l	99
46) Dibromomethane	9.574	93	75795	20.977	ug/l	96
47) Bromodichloromethane	9.757	83	149479	21.016	ug/l	98
48) Methyl methacrylate	9.557	41	100807	19.792	ug/l	89
49) 1,4-Dioxane	9.569	88	52486	426.434	ug/l	94
51) 4-Methyl-2-Pentanone	10.327	43	779676	110.459	ug/l	97
52) Toluene	10.504	92	291751	21.666	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	151092	20.269	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	173971	21.122	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	118895	21.453	ug/l	97
56) Ethyl methacrylate	10.757	69	173644	21.963	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	196679	21.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	230909	105.397	ug/l	99
59) 2-Hexanone	11.080	43	553797	111.438	ug/l	95
60) Dibromochloromethane	11.233	129	118995	22.021	ug/l	99
61) 1,2-Dibromoethane	11.339	107	116645	21.382	ug/l	98
64) Tetrachloroethene	10.974	164	102429	21.015	ug/l	97
65) Chlorobenzene	11.768	112	307844	20.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	111947	20.990	ug/l	98
67) Ethyl Benzene	11.839	91	524019	20.943	ug/l	97
68) m/p-Xylenes	11.951	106	408097	42.450	ug/l	99
69) o-Xylene	12.280	106	207904	21.788	ug/l	96
70) Styrene	12.292	104	320200	22.147	ug/l	99
71) Bromoform	12.451	173	92185	22.697	ug/l #	98
73) Isopropylbenzene	12.574	105	519756	21.238	ug/l	100
74) N-amyl acetate	12.386	43	154158	21.984	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	176401	21.603	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	127777m	18.992	ug/l	
77) Bromobenzene	12.857	156	126180	20.567	ug/l	98
78) n-propylbenzene	12.915	91	532775	20.695	ug/l	100
79) 2-Chlorotoluene	13.004	91	343153	20.785	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	419453	21.632	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	43641	20.101	ug/l	99
82) 4-Chlorotoluene	13.098	91	315503	20.617	ug/l	99
83) tert-Butylbenzene	13.321	119	373034	21.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	404645	21.388	ug/l	99
85) sec-Butylbenzene	13.498	105	484320	21.078	ug/l	100
86) p-Isopropyltoluene	13.609	119	383575	20.937	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	198344	20.293	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	192125	20.148	ug/l	99
89) n-Butylbenzene	13.939	91	256430	18.871	ug/l	99
90) Hexachloroethane	14.204	117	68832	20.524	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	196719	20.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28079	22.169	ug/l	99
93) 1,2,4-Trichlorobenzene	15.256	180	89190	20.577	ug/l	99
94) Hexachlorobutadiene	15.362	225	55706	19.684	ug/l	98
95) Naphthalene	15.503	128	241331	20.663	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	89102	21.353	ug/l	99

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

