

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042922\
 Data File : VN072263.D
 Acq On : 29 Apr 2022 12:34
 Operator : JC\MD
 Sample : VX0429WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VX0429WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

Quant Time: Apr 30 03:11:50 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	214984	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	357717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	321630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	125334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	182254	55.220	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.440%			
35) Dibromofluoromethane	8.016	113	120773	52.749	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.500%			
50) Toluene-d8	10.439	98	467929	52.011	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.020%			
62) 4-Bromofluorobenzene	12.727	95	160683	53.809	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	49730	20.538	ug/l	98
3) Chloromethane	2.299	50	47043	16.862	ug/l	96
4) Vinyl Chloride	2.446	62	41790	17.268	ug/l	97
5) Bromomethane	2.852	94	25281	20.500	ug/l	95
6) Chloroethane	3.016	64	26414	18.257	ug/l	96
7) Trichlorofluoromethane	3.381	101	86694	20.504	ug/l	97
8) Diethyl Ether	3.828	74	28258	18.457	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.216	101	43579	19.622	ug/l	95
10) Methyl Iodide	4.428	142	49370	18.313	ug/l	# 82
11) Tert butyl alcohol	5.357	59	48976	90.297	ug/l	98
12) 1,1-Dichloroethene	4.187	96	36835	17.939	ug/l	95
13) Acrolein	4.040	56	38101	69.803	ug/l	96
14) Allyl chloride	4.840	41	71296	16.724	ug/l	95
15) Acrylonitrile	5.551	53	134981	82.470	ug/l	99
16) Acetone	4.287	43	117641	82.673	ug/l	94
17) Carbon Disulfide	4.534	76	84085	17.642	ug/l	100
18) Methyl Acetate	4.857	43	66797	16.765	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	166560	20.695	ug/l	96
20) Methylene Chloride	5.093	84	47963	17.584	ug/l	86
21) trans-1,2-Dichloroethene	5.598	96	41066	18.138	ug/l	89
22) Diisopropyl ether	6.487	45	155826	17.745	ug/l	93
23) Vinyl Acetate	6.428	43	659129	89.373	ug/l	96
24) 1,1-Dichloroethane	6.387	63	89601	18.242	ug/l	99
25) 2-Butanone	7.328	43	182441	80.506	ug/l	90
26) 2,2-Dichloropropane	7.328	77	81076	21.131	ug/l	95
27) cis-1,2-Dichloroethene	7.322	96	51909	18.806	ug/l	89
28) Bromochloromethane	7.651	49	39718	18.058	ug/l	# 8
29) Tetrahydrofuran	7.681	42	120907	81.297	ug/l	92
30) Chloroform	7.810	83	98520	19.976	ug/l	96
31) Cyclohexane	8.087	56	77412	17.554	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	91059	21.696	ug/l	97
36) 1,1-Dichloropropene	8.222	75	65901	19.774	ug/l	96
37) Ethyl Acetate	7.410	43	76854	17.365	ug/l	95
38) Carbon Tetrachloride	8.204	117	79214	22.193	ug/l	95
39) Methylcyclohexane	9.457	83	71129	19.083	ug/l	93
40) Benzene	8.457	78	194532	18.819	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	34158	15.256	ug/l	94
42) 1,2-Dichloroethane	8.528	62	85330	21.561	ug/l	94
43) Isopropyl Acetate	8.551	43	118907	17.638	ug/l	97
44) Trichloroethene	9.210	130	46223	19.222	ug/l	84
45) 1,2-Dichloropropane	9.486	63	49814	17.834	ug/l	92
46) Dibromomethane	9.575	93	35309	20.179	ug/l	90
47) Bromodichloromethane	9.757	83	76749	20.904	ug/l	90
48) Methyl methacrylate	9.557	41	55425	18.958	ug/l	92
49) 1,4-Dioxane	9.563	88	20117	391.726	ug/l #	91
51) 4-Methyl-2-Pentanone	10.328	43	370621	88.752	ug/l	96
52) Toluene	10.498	92	124516	20.149	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	77255	20.932	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	83053	20.808	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	50689	19.562	ug/l	93
56) Ethyl methacrylate	10.757	69	76287	18.381	ug/l	89
57) 1,3-Dichloropropane	11.039	76	90196	19.837	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.034	63	82590	80.583	ug/l	95
59) 2-Hexanone	11.081	43	258386	87.822	ug/l	94
60) Dibromochloromethane	11.233	129	56859	21.459	ug/l	98
61) 1,2-Dibromoethane	11.339	107	50859	19.958	ug/l	98
64) Tetrachloroethene	10.975	164	40627	20.985	ug/l	93
65) Chlorobenzene	11.763	112	127480	19.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	52999	21.644	ug/l	96
67) Ethyl Benzene	11.839	91	238637	21.056	ug/l	98
68) m/p-Xylenes	11.951	106	175061	41.597	ug/l	88
69) o-Xylene	12.275	106	85505	20.958	ug/l	86
70) Styrene	12.286	104	136102	21.178	ug/l	94
71) Bromoform	12.451	173	39028	21.430	ug/l #	98
73) Isopropylbenzene	12.575	105	233341	21.080	ug/l	96
74) N-amyl acetate	12.386	43	70884	17.092	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	74684	19.344	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	58203m	20.329	ug/l	
77) Bromobenzene	12.857	156	50164	19.163	ug/l	87
78) n-propylbenzene	12.916	91	248749	20.398	ug/l	97
79) 2-Chlorotoluene	13.004	91	162064	20.233	ug/l	92
80) 1,3,5-Trimethylbenzene	13.051	105	195459	21.202	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.616	75	19024	17.551	ug/l #	83
82) 4-Chlorotoluene	13.098	91	150281	20.155	ug/l	93
83) tert-Butylbenzene	13.316	119	166105	20.522	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	189915	21.292	ug/l	94
85) sec-Butylbenzene	13.498	105	220477	20.893	ug/l	97
86) p-Isopropyltoluene	13.610	119	180236	21.908	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	85482	20.176	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	81136	19.692	ug/l	92
89) n-Butylbenzene	13.939	91	124115	19.696	ug/l	97
90) Hexachloroethane	14.204	117	34046	19.064	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	84308	20.189	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	14452	18.877	ug/l	75
93) 1,2,4-Trichlorobenzene	15.257	180	33629	18.997	ug/l	98
94) Hexachlorobutadiene	15.363	225	23152	20.690	ug/l	98
95) Naphthalene	15.504	128	87033	16.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	32534	18.679	ug/l	97

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

