

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030122\
 Data File : VN071116.D
 Acq On : 01 Mar 2022 14:00
 Operator : JC\MD
 Sample : VN0301WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0301WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 03:28:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	639407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1026960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	926365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	368885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	411333	56.316	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.640%			
35) Dibromofluoromethane	8.016	113	321418	52.619	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.240%			
50) Toluene-d8	10.433	98	1280889	52.216	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.440%			
62) 4-Bromofluorobenzene	12.727	95	426421	48.632	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	116984	17.615	ug/l	99
3) Chloromethane	2.298	50	163553	19.593	ug/l	98
4) Vinyl Chloride	2.446	62	151780	18.164	ug/l	99
5) Bromomethane	2.846	94	89256	18.803	ug/l	99
6) Chloroethane	3.016	64	94878	17.307	ug/l	94
7) Trichlorofluoromethane	3.375	101	204066	19.487	ug/l	96
8) Diethyl Ether	3.822	74	88627	19.468	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	123306	19.192	ug/l	95
10) Methyl Iodide	4.428	142	160318	18.017	ug/l	98
11) Tert butyl alcohol	5.363	59	148564	111.608	ug/l	99
12) 1,1-Dichloroethene	4.187	96	116470	18.606	ug/l	92
13) Acrolein	4.040	56	89854	75.542	ug/l	98
14) Allyl chloride	4.845	41	244268	20.461	ug/l #	86
15) Acrylonitrile	5.551	53	456448	116.415	ug/l	99
16) Acetone	4.281	43	368626	91.641	ug/l	90
17) Carbon Disulfide	4.534	76	272648	15.188	ug/l	96
18) Methyl Acetate	4.851	43	217843	24.425	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	467241	21.278	ug/l	97
20) Methylene Chloride	5.092	84	146434	20.031	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	123360	18.361	ug/l	88
22) Diisopropyl ether	6.492	45	531933	23.231	ug/l	93
23) Vinyl Acetate	6.428	43	2204266	113.723	ug/l	98
24) 1,1-Dichloroethane	6.386	63	268973	20.955	ug/l	99
25) 2-Butanone	7.328	43	611529	114.281	ug/l	96
26) 2,2-Dichloropropane	7.322	77	211957	19.869	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	155073	20.082	ug/l	91
28) Bromochloromethane	7.657	49	98547	18.969	ug/l	85
29) Tetrahydrofuran	7.680	42	420766	121.379	ug/l	93
30) Chloroform	7.816	83	260253	20.615	ug/l	99
31) Cyclohexane	8.092	56	254918	20.180	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	220963	20.268	ug/l	98
36) 1,1-Dichloropropene	8.216	75	189855	18.971	ug/l	96
37) Ethyl Acetate	7.404	43	246232	22.942	ug/l	99
38) Carbon Tetrachloride	8.204	117	186602	18.924	ug/l	97
39) Methylcyclohexane	9.457	83	228740	17.763	ug/l	92
40) Benzene	8.457	78	594657	20.088	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	133983	23.702	ug/l #	85
42) 1,2-Dichloroethane	8.522	62	209365	20.766	ug/l	99
43) Isopropyl Acetate	8.557	43	386359	22.838	ug/l	98
44) Trichloroethene	9.216	130	142365	18.263	ug/l	99
45) 1,2-Dichloropropane	9.486	63	161860	21.346	ug/l	96
46) Dibromomethane	9.574	93	98611	19.761	ug/l	98
47) Bromodichloromethane	9.757	83	197726	19.605	ug/l	98
48) Methyl methacrylate	9.557	41	178814	22.331	ug/l #	85
49) 1,4-Dioxane	9.563	88	63486	446.385	ug/l	90
51) 4-Methyl-2-Pentanone	10.327	43	1228827	119.387	ug/l	99
52) Toluene	10.498	92	364680	19.605	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	215133	19.617	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	239426	19.880	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	147613	20.274	ug/l	98
56) Ethyl methacrylate	10.757	69	236182	21.529	ug/l	93
57) 1,3-Dichloropropane	11.039	76	263782	20.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	168879	92.204	ug/l	95
59) 2-Hexanone	11.080	43	825704	116.642	ug/l	98
60) Dibromochloromethane	11.233	129	147753	19.202	ug/l	99
61) 1,2-Dibromoethane	11.339	107	146528	19.785	ug/l	100
64) Tetrachloroethene	10.974	164	132080	18.308	ug/l	98
65) Chlorobenzene	11.763	112	382166	19.145	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	142470	19.580	ug/l	99
67) Ethyl Benzene	11.839	91	690815	19.773	ug/l	100
68) m/p-Xylenes	11.951	106	517825	38.371	ug/l	99
69) o-Xylene	12.274	106	255946	19.415	ug/l	96
70) Styrene	12.292	104	404777	19.310	ug/l	98
71) Bromoform	12.451	173	106431	18.366	ug/l #	98
73) Isopropylbenzene	12.574	105	669419	22.545	ug/l	99
74) N-amyl acetate	12.386	43	222485	23.441	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	225446	23.894	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	197752m	22.768	ug/l	
77) Bromobenzene	12.857	156	155209	21.353	ug/l	85
78) n-propylbenzene	12.915	91	715191	21.438	ug/l	97
79) 2-Chlorotoluene	13.004	91	453399	22.380	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	536943	22.321	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	56228	20.978	ug/l	96
82) 4-Chlorotoluene	13.104	91	420704	21.393	ug/l	93
83) tert-Butylbenzene	13.321	119	479472	21.017	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	520289	21.972	ug/l	100
85) sec-Butylbenzene	13.498	105	636881	21.187	ug/l	99
86) p-Isopropyltoluene	13.610	119	506121	20.510	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	251127	19.517	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	240070	19.043	ug/l	98
89) n-Butylbenzene	13.939	91	363348	18.047	ug/l	97
90) Hexachloroethane	14.204	117	92730	21.041	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	247400	20.476	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34145	22.336	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	98295	15.894	ug/l	99
94) Hexachlorobutadiene	15.362	225	71907	16.320	ug/l	98
95) Naphthalene	15.504	128	210306	16.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	92171	16.497	ug/l	100

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

