

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071708.D
 Acq On : 31 Mar 2022 16:49
 Operator : JC\MD
 Sample : VN0331WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 01:37:41 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	8.087	168	508291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	818485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	750103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	273353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	339702	58.542	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.080%			
35) Dibromofluoromethane	8.022	113	274426	56.978	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.960%			
50) Toluene-d8	10.439	98	1115478	56.616	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.240%			
62) 4-Bromofluorobenzene	12.727	95	344863	54.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	87200	21.579	ug/l	99
3) Chloromethane	2.299	50	107362	20.967	ug/l	96
4) Vinyl Chloride	2.440	62	116884	20.786	ug/l	99
5) Bromomethane	2.846	94	78210	21.395	ug/l	97
6) Chloroethane	3.016	64	77121	19.064	ug/l	93
7) Trichlorofluoromethane	3.375	101	148855	20.806	ug/l	94
8) Diethyl Ether	3.822	74	67433	22.303	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	91980	20.863	ug/l	99
10) Methyl Iodide	4.428	142	128012	20.771	ug/l	99
11) Tert butyl alcohol	5.357	59	113308	120.324	ug/l	99
12) 1,1-Dichloroethene	4.187	96	85920	20.479	ug/l	91
13) Acrolein	4.040	56	118149	102.899	ug/l	95
14) Allyl chloride	4.840	41	142698	20.955	ug/l	97
15) Acrylonitrile	5.551	53	329411	120.347	ug/l	99
16) Acetone	4.287	43	255271	102.937	ug/l	96
17) Carbon Disulfide	4.534	76	184277	19.143	ug/l	99
18) Methyl Acetate	4.863	43	143781	22.583	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	349184	22.403	ug/l	99
20) Methylene Chloride	5.099	84	111788	21.387	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	93375	20.274	ug/l	98
22) Diisopropyl ether	6.493	45	331643	22.371	ug/l	97
23) Vinyl Acetate	6.434	43	1388377	117.772	ug/l	99
24) 1,1-Dichloroethane	6.393	63	188839	21.699	ug/l	98
25) 2-Butanone	7.334	43	414182	115.853	ug/l	100
26) 2,2-Dichloropropane	7.328	77	149304	19.971	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	122494	21.689	ug/l	97
28) Bromochloromethane	7.657	49	75706	21.565	ug/l	99
29) Tetrahydrofuran	7.681	42	280600	121.215	ug/l	99
30) Chloroform	7.816	83	196377	21.370	ug/l	100
31) Cyclohexane	8.092	56	155901	19.756	ug/l #	96
32) 1,1,1-Trichloroethane	8.010	97	165892	21.102	ug/l	99
36) 1,1-Dichloropropene	8.222	75	139050	20.674	ug/l	98
37) Ethyl Acetate	7.404	43	176151	23.928	ug/l	99
38) Carbon Tetrachloride	8.204	117	135663	20.581	ug/l	97
39) Methylcyclohexane	9.457	83	157961	19.730	ug/l	99
40) Benzene	8.457	78	446956	21.037	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	82772	22.963	ug/l	93
42) 1,2-Dichloroethane	8.528	62	157383	21.414	ug/l	99
43) Isopropyl Acetate	8.557	43	258869	21.141	ug/l	99
44) Trichloroethene	9.216	130	111255	20.325	ug/l	99
45) 1,2-Dichloropropane	9.492	63	115516	21.764	ug/l	95
46) Dibromomethane	9.575	93	78718	21.843	ug/l	98
47) Bromodichloromethane	9.757	83	157069	22.141	ug/l	97
48) Methyl methacrylate	9.557	41	117878	23.204	ug/l	98
49) 1,4-Dioxane	9.563	88	53607	437.026	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	828870	117.738	ug/l	99
52) Toluene	10.504	92	287717	21.423	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	159794	21.492	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	179332	21.830	ug/l	98
55) 1,1,2-Trichloroethane	10.898	97	121576	21.995	ug/l	97
56) Ethyl methacrylate	10.757	69	180521	22.893	ug/l	97
57) 1,3-Dichloropropane	11.039	76	203186	21.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	191460	90.482	ug/l	99
59) 2-Hexanone	11.081	43	588751	118.783	ug/l	99
60) Dibromochloromethane	11.233	129	122812	22.787	ug/l	99
61) 1,2-Dibromoethane	11.339	107	120687	22.181	ug/l	98
64) Tetrachloroethene	10.975	164	96846	19.552	ug/l	96
65) Chlorobenzene	11.769	112	306003	20.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	115732	21.354	ug/l	99
67) Ethyl Benzene	11.839	91	527559	20.748	ug/l	99
68) m/p-Xylenes	11.951	106	402350	41.185	ug/l	98
69) o-Xylene	12.275	106	202686	20.902	ug/l	98
70) Styrene	12.292	104	313991	21.371	ug/l	99
71) Bromoform	12.457	173	90003	21.807	ug/l #	100
73) Isopropylbenzene	12.575	105	509416	22.115	ug/l	99
74) N-amyl acetate	12.386	43	153987	23.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	183751	23.908	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	134744m	21.278	ug/l	
77) Bromobenzene	12.857	156	124471	21.556	ug/l	99
78) n-propylbenzene	12.916	91	534071	22.041	ug/l	99
79) 2-Chlorotoluene	13.004	91	345574	22.239	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	418685	22.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	46371	22.693	ug/l	99
82) 4-Chlorotoluene	13.104	91	304865	21.166	ug/l	99
83) tert-Butylbenzene	13.322	119	364867	21.871	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	405446	22.769	ug/l	98
85) sec-Butylbenzene	13.498	105	479660	22.179	ug/l	99
86) p-Isopropyltoluene	13.610	119	382189	22.164	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	195465	21.247	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	188855	21.042	ug/l	98
89) n-Butylbenzene	13.939	91	261731	20.465	ug/l	99
90) Hexachloroethane	14.210	117	73473	23.276	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	194962	21.587	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	30072	25.225	ug/l	98
93) 1,2,4-Trichlorobenzene	15.263	180	85139	20.840	ug/l	98
94) Hexachlorobutadiene	15.368	225	53341	20.026	ug/l	99
95) Naphthalene	15.504	128	219625	20.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	82786	21.110	ug/l	99

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

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