

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071425.D
 Acq On : 21 Mar 2022 18:05
 Operator : JC\MD
 Sample : VN0321WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 06:20:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	514556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	866792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	790174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	323848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	433857	61.521	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 123.040%			
35) Dibromofluoromethane	8.016	113	310925	56.844	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.680%			
50) Toluene-d8	10.439	98	1166356	52.961	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.920%			
62) 4-Bromofluorobenzene	12.727	95	410092	54.991	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	92124	16.336	ug/l	100
3) Chloromethane	2.298	50	137078	18.084	ug/l	99
4) Vinyl Chloride	2.440	62	123664	17.893	ug/l	98
5) Bromomethane	2.840	94	74263	20.544	ug/l	95
6) Chloroethane	3.004	64	80664	19.273	ug/l	96
7) Trichlorofluoromethane	3.369	101	169223	18.603	ug/l	99
8) Diethyl Ether	3.822	74	87026	22.357	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	98905	18.782	ug/l	97
10) Methyl Iodide	4.416	142	136034	18.290	ug/l	99
11) Tert butyl alcohol	5.363	59	156508	112.971	ug/l	100
12) 1,1-Dichloroethene	4.181	96	94848	18.386	ug/l	95
13) Acrolein	4.034	56	83303	56.810	ug/l	100
14) Allyl chloride	4.840	41	222634	19.843	ug/l	87
15) Acrylonitrile	5.545	53	458724	111.514	ug/l	98
16) Acetone	4.281	43	394850	115.071	ug/l	98
17) Carbon Disulfide	4.534	76	219025	14.914	ug/l	98
18) Methyl Acetate	4.851	43	233402	25.559	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	469495	24.241	ug/l	97
20) Methylene Chloride	5.092	84	136493	21.980	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	108266	19.188	ug/l	91
22) Diisopropyl ether	6.492	45	504024	22.802	ug/l	93
23) Vinyl Acetate	6.428	43	2203788	117.768	ug/l	98
24) 1,1-Dichloroethane	6.381	63	244401	20.925	ug/l	99
25) 2-Butanone	7.328	43	644423	116.584	ug/l	96
26) 2,2-Dichloropropane	7.322	77	178742	19.836	ug/l	97
27) cis-1,2-Dichloroethene	7.316	96	144500	21.577	ug/l	91
28) Bromochloromethane	7.651	49	123237	23.693	ug/l #	80
29) Tetrahydrofuran	7.680	42	440204	114.955	ug/l	91
30) Chloroform	7.810	83	243217	21.832	ug/l	99
31) Cyclohexane	8.086	56	205557	18.253	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	190126	20.036	ug/l	96
36) 1,1-Dichloropropene	8.216	75	157498	17.972	ug/l	97
37) Ethyl Acetate	7.404	43	261923	21.716	ug/l	97
38) Carbon Tetrachloride	8.204	117	156986	18.520	ug/l	95
39) Methylcyclohexane	9.457	83	188334	18.268	ug/l	91
40) Benzene	8.457	78	527159	19.965	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	141705	24.008	ug/l #	84
42) 1,2-Dichloroethane	8.527	62	210145	22.871	ug/l	98
43) Isopropyl Acetate	8.557	43	413678	22.936	ug/l	96
44) Trichloroethene	9.210	130	122347	19.638	ug/l	97
45) 1,2-Dichloropropane	9.486	63	148702	20.979	ug/l	99
46) Dibromomethane	9.574	93	95288	21.842	ug/l	96
47) Bromodichloromethane	9.757	83	184753	20.955	ug/l	97
48) Methyl methacrylate	9.557	41	191327	22.890	ug/l #	83
49) 1,4-Dioxane	9.563	88	63324	435.857	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1292282	115.450	ug/l	100
52) Toluene	10.498	92	327448	20.139	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	207831	21.385	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	226513	21.331	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	146027	22.413	ug/l	98
56) Ethyl methacrylate	10.757	69	241478	22.695	ug/l	92
57) 1,3-Dichloropropane	11.039	76	257795	22.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	283438	140.528	ug/l	96
59) 2-Hexanone	11.080	43	932308	122.072	ug/l	100
60) Dibromochloromethane	11.233	129	137773	21.282	ug/l	98
61) 1,2-Dibromoethane	11.339	107	146091	21.939	ug/l	98
64) Tetrachloroethene	10.974	164	102178	18.541	ug/l	97
65) Chlorobenzene	11.768	112	346866	20.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	130353	20.949	ug/l	99
67) Ethyl Benzene	11.839	91	606964	20.229	ug/l	97
68) m/p-Xylenes	11.951	106	460853	41.986	ug/l	98
69) o-Xylene	12.274	106	233342	21.208	ug/l	96
70) Styrene	12.292	104	369680	21.706	ug/l	97
71) Bromoform	12.451	173	104991	22.219	ug/l #	99
73) Isopropylbenzene	12.574	105	588014	18.835	ug/l	99
74) N-amyl acetate	12.386	43	274302	23.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	229665	23.393	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	178263m	21.079	ug/l	
77) Bromobenzene	12.857	156	150396	20.660	ug/l	83
78) n-propylbenzene	12.915	91	636660	19.005	ug/l	97
79) 2-Chlorotoluene	13.004	91	410610	19.094	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	472519	19.455	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	61423	20.503	ug/l	98
82) 4-Chlorotoluene	13.104	91	380097	19.844	ug/l	95
83) tert-Butylbenzene	13.321	119	429571	19.818	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	469454	20.179	ug/l	99
85) sec-Butylbenzene	13.498	105	558788	19.396	ug/l	99
86) p-Isopropyltoluene	13.610	119	460815	20.338	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	234366	19.814	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	226444	19.585	ug/l	98
89) n-Butylbenzene	13.939	91	340173	19.196	ug/l	96
90) Hexachloroethane	14.204	117	77956	17.302	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	236341	20.783	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39522	21.758	ug/l	89
93) 1,2,4-Trichlorobenzene	15.256	180	109541	22.395	ug/l	99
94) Hexachlorobutadiene	15.362	225	61433	19.244	ug/l	100
95) Naphthalene	15.504	128	399269	29.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	110347	23.249	ug/l	96

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

