

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072974.D
 Acq On : 21 Jun 2022 11:28
 Operator : JC\MD
 Sample : VN0621WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 06:59:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	254889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	459615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	398184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	169827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	197893	57.426	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.860%			
35) Dibromofluoromethane	7.945	113	152227	53.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.180%			
50) Toluene-d8	10.374	98	516864	48.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.800%			
62) 4-Bromofluorobenzene	12.663	95	183586	48.298	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	47039	19.383	ug/l	93
3) Chloromethane	2.269	50	49148	19.195	ug/l	97
4) Vinyl Chloride	2.410	62	45077	20.712	ug/l	100
5) Bromomethane	2.810	94	19888	23.213	ug/l	96
6) Chloroethane	2.969	64	28625	21.023	ug/l	91
7) Trichlorofluoromethane	3.322	101	77726	21.930	ug/l	98
8) Diethyl Ether	3.775	74	40799	22.305	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.145	101	43766	17.864	ug/l	96
10) Methyl Iodide	4.357	142	43213	15.389	ug/l	99
11) Tert butyl alcohol	5.287	59	88125	99.000	ug/l	99
12) 1,1-Dichloroethene	4.116	96	45934	18.823	ug/l	99
13) Acrolein	3.981	56	32905	93.858	ug/l	98
14) Allyl chloride	4.763	41	95798	18.374	ug/l #	95
15) Acrylonitrile	5.469	53	219989	107.207	ug/l	100
16) Acetone	4.222	43	201170	106.200	ug/l	91
17) Carbon Disulfide	4.457	76	98898	15.817	ug/l	97
18) Methyl Acetate	4.775	43	115788	22.954	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	212010	23.132	ug/l	98
20) Methylene Chloride	5.010	84	62866	21.257	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	49872	18.787	ug/l	98
22) Diisopropyl ether	6.410	45	219461	22.579	ug/l	95
23) Vinyl Acetate	6.345	43	979007	109.112	ug/l	94
24) 1,1-Dichloroethane	6.304	63	110368	21.659	ug/l	98
25) 2-Butanone	7.257	43	314037	104.473	ug/l	89
26) 2,2-Dichloropropane	7.245	77	43184	9.743	ug/l	95
27) cis-1,2-Dichloroethene	7.251	96	67487	21.280	ug/l	95
28) Bromochloromethane	7.586	49	50469	23.948	ug/l #	86
29) Tetrahydrofuran	7.610	42	206219	103.890	ug/l	89
30) Chloroform	7.745	83	111495	21.613	ug/l	94
31) Cyclohexane	8.016	56	77290	16.581	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	91928	20.307	ug/l	99
36) 1,1-Dichloropropene	8.151	75	67647	17.598	ug/l	98
37) Ethyl Acetate	7.333	43	127157	20.681	ug/l	96
38) Carbon Tetrachloride	8.128	117	71651	17.721	ug/l	97
39) Methylcyclohexane	9.386	83	71101	15.346	ug/l	91
40) Benzene	8.386	78	233931	19.364	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	64272	22.044	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	93302	21.745	ug/l	97
43) Isopropyl Acetate	8.492	43	190864	21.716	ug/l	94
44) Trichloroethene	9.145	130	54625	17.843	ug/l	95
45) 1,2-Dichloropropane	9.422	63	64612	20.924	ug/l	98
46) Dibromomethane	9.510	93	45148	21.623	ug/l	94
47) Bromodichloromethane	9.692	83	88584	21.348	ug/l	99
48) Methyl methacrylate	9.492	41	86808	21.633	ug/l	89
49) 1,4-Dioxane	9.498	88	33199	367.698	ug/l #	91
51) 4-Methyl-2-Pentanone	10.263	43	607786	106.046	ug/l	91
52) Toluene	10.439	92	137244	18.504	ug/l	98
53) t-1,3-Dichloropropene	10.651	75	83173	18.638	ug/l	92
54) cis-1,3-Dichloropropene	10.122	75	90509	18.568	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	66228	20.336	ug/l	97
56) Ethyl methacrylate	10.698	69	106960	20.491	ug/l #	83
57) 1,3-Dichloropropane	10.980	76	113427	20.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	246607	107.011	ug/l	97
59) 2-Hexanone	11.022	43	453632	102.334	ug/l	90
60) Dibromochloromethane	11.174	129	66620	21.645	ug/l	100
61) 1,2-Dibromoethane	11.280	107	65429	20.380	ug/l	97
64) Tetrachloroethene	10.910	164	42965	17.737	ug/l	97
65) Chlorobenzene	11.704	112	150440	19.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	60434	20.419	ug/l	97
67) Ethyl Benzene	11.780	91	257852	18.836	ug/l	99
68) m/p-Xylenes	11.886	106	197351	36.757	ug/l	98
69) o-Xylene	12.216	106	101623	18.942	ug/l	98
70) Styrene	12.227	104	165185	19.173	ug/l	99
71) Bromoform	12.392	173	47623	21.340	ug/l #	97
73) Isopropylbenzene	12.516	105	248938	18.948	ug/l	100
74) N-amyl acetate	12.321	43	140813	20.653	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	103534	21.881	ug/l	98
76) 1,2,3-Trichloropropane	12.816	75	77368m	18.790	ug/l	
77) Bromobenzene	12.792	156	63503	20.176	ug/l	90
78) n-propylbenzene	12.857	91	270979	18.751	ug/l	99
79) 2-Chlorotoluene	12.939	91	177131	18.928	ug/l	99
80) 1,3,5-Trimethylbenzene	12.992	105	208396	19.310	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	25177	16.514	ug/l	98
82) 4-Chlorotoluene	13.039	91	166802	18.839	ug/l	99
83) tert-Butylbenzene	13.257	119	181367	18.350	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	210396	19.574	ug/l	96
85) sec-Butylbenzene	13.433	105	238281	18.072	ug/l	99
86) p-Isopropyltoluene	13.551	119	194019	18.176	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	104849	18.659	ug/l	98
88) 1,4-Dichlorobenzene	13.627	146	109900	19.323	ug/l	98
89) n-Butylbenzene	13.874	91	148621	17.051	ug/l	99
90) Hexachloroethane	14.145	117	37458	18.613	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	117486	20.048	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	24548	20.524	ug/l	92
93) 1,2,4-Trichlorobenzene	15.186	180	56577	17.445	ug/l	98
94) Hexachlorobutadiene	15.298	225	21680	15.362	ug/l	98
95) Naphthalene	15.427	128	249974	19.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	62639	18.087	ug/l	97

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

