

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050322\
 Data File : VN072309.D
 Acq On : 03 May 2022 17:20
 Operator : JC\MD
 Sample : VN0503WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 04 05:13:39 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	8.080	168	168759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	290173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	258747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	103673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	132341	51.081	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.160%			
35) Dibromofluoromethane	8.016	113	91524	49.279	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.560%			
50) Toluene-d8	10.439	98	351064	48.104	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.200%			
62) 4-Bromofluorobenzene	12.727	95	114870	47.421	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	34454	18.107	ug/l	100
3) Chloromethane	2.298	50	37309	17.044	ug/l	97
4) Vinyl Chloride	2.440	62	32053	16.872	ug/l	99
5) Bromomethane	2.846	94	19921	20.587	ug/l	93
6) Chloroethane	3.010	64	19489	17.057	ug/l	92
7) Trichlorofluoromethane	3.369	101	55787	16.808	ug/l	98
8) Diethyl Ether	3.828	74	22472	18.698	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.204	101	33986	19.494	ug/l	92
10) Methyl Iodide	4.416	142	36094	17.056	ug/l #	86
11) Tert butyl alcohol	5.363	59	39585	92.974	ug/l #	86
12) 1,1-Dichloroethene	4.187	96	26558	16.477	ug/l	89
13) Acrolein	4.040	56	32050	74.801	ug/l	91
14) Allyl chloride	4.845	41	62179	18.580	ug/l #	94
15) Acrylonitrile	5.545	53	122473	95.324	ug/l	99
16) Acetone	4.287	43	102108	91.412	ug/l	93
17) Carbon Disulfide	4.534	76	59313	15.890	ug/l	99
18) Methyl Acetate	4.851	43	62615	20.028	ug/l #	89
19) Methyl tert-butyl Ether	5.610	73	121641	19.253	ug/l	95
20) Methylene Chloride	5.092	84	37325	17.432	ug/l #	84
21) trans-1,2-Dichloroethene	5.592	96	29417	16.551	ug/l	89
22) Diisopropyl ether	6.492	45	138753	20.129	ug/l	94
23) Vinyl Acetate	6.434	43	594528	102.695	ug/l #	90
24) 1,1-Dichloroethane	6.386	63	69786	18.099	ug/l	99
25) 2-Butanone	7.328	43	165556	93.066	ug/l	92
26) 2,2-Dichloropropane	7.316	77	56242	18.673	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	39087	18.040	ug/l	90
28) Bromochloromethane	7.657	49	36325	21.039	ug/l #	78
29) Tetrahydrofuran	7.686	42	112616	96.463	ug/l	86
30) Chloroform	7.816	83	71110	18.368	ug/l	100
31) Cyclohexane	8.092	56	59593	17.215	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	61325	18.614	ug/l	99
36) 1,1-Dichloropropene	8.216	75	46996	17.384	ug/l	97
37) Ethyl Acetate	7.404	43	69375	19.324	ug/l #	93
38) Carbon Tetrachloride	8.204	117	51750	17.873	ug/l	93
39) Methylcyclohexane	9.457	83	52269	17.287	ug/l	89
40) Benzene	8.457	78	148813	17.747	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	35866	19.748	ug/l #	83
42) 1,2-Dichloroethane	8.527	62	62157	19.362	ug/l	97
43) Isopropyl Acetate	8.557	43	107289	19.529	ug/l #	93
44) Trichloroethene	9.216	130	34719	17.799	ug/l	93
45) 1,2-Dichloropropane	9.486	63	40900	18.051	ug/l	96
46) Dibromomethane	9.574	93	27522	19.390	ug/l	88
47) Bromodichloromethane	9.757	83	55601	18.669	ug/l	98
48) Methyl methacrylate	9.557	41	49687	20.952	ug/l	90
49) 1,4-Dioxane	9.563	88	13434	322.484	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	346815	102.384	ug/l	92
52) Toluene	10.504	92	91742	18.301	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	57708	19.275	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	63712	19.678	ug/l	91
55) 1,1,2-Trichloroethane	10.898	97	40232	19.141	ug/l	96
56) Ethyl methacrylate	10.757	69	61136	18.188	ug/l #	81
57) 1,3-Dichloropropane	11.039	76	70086	19.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	79292	92.119	ug/l	94
59) 2-Hexanone	11.080	43	243955	102.218	ug/l	89
60) Dibromochloromethane	11.233	129	41760	19.429	ug/l	98
61) 1,2-Dibromoethane	11.339	107	38884	18.811	ug/l	100
64) Tetrachloroethene	10.974	164	30105	19.329	ug/l	93
65) Chlorobenzene	11.763	112	98600	18.860	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	38486	19.537	ug/l	99
67) Ethyl Benzene	11.839	91	174453	19.134	ug/l	99
68) m/p-Xylenes	11.951	106	133389	39.398	ug/l	98
69) o-Xylene	12.280	106	64527	19.660	ug/l	94
70) Styrene	12.292	104	103648	20.048	ug/l	97
71) Bromoform	12.451	173	28229	19.267	ug/l #	99
73) Isopropylbenzene	12.574	105	169338	18.494	ug/l	97
74) N-amyl acetate	12.386	43	67218	19.595	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	64049	20.110	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	44907m	18.810	ug/l	
77) Bromobenzene	12.857	156	37828	17.470	ug/l	84
78) n-propylbenzene	12.915	91	182869	18.129	ug/l	98
79) 2-Chlorotoluene	13.004	91	117258	17.698	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	139666	18.316	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	16452	18.349	ug/l	88
82) 4-Chlorotoluene	13.098	91	109272	17.717	ug/l	97
83) tert-Butylbenzene	13.321	119	121241	18.108	ug/l	94
84) 1,2,4-Trimethylbenzene	13.362	105	135515	18.367	ug/l	95
85) sec-Butylbenzene	13.498	105	164511	18.847	ug/l	96
86) p-Isopropyltoluene	13.610	119	128185	18.836	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	65158	18.592	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	64222	18.844	ug/l	95
89) n-Butylbenzene	13.939	91	96236	18.463	ug/l	95
90) Hexachloroethane	14.204	117	24408	16.522	ug/l	80
91) 1,2-Dichlorobenzene	13.986	146	65434	18.943	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	11347	17.918	ug/l	80
93) 1,2,4-Trichlorobenzene	15.256	180	26350	18.123	ug/l	97
94) Hexachlorobutadiene	15.362	225	16036	17.325	ug/l	97
95) Naphthalene	15.504	128	75368	17.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	25454	17.813	ug/l	99

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

