

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077100.D
 Acq On : 22 Mar 2023 12:04
 Operator : JC\MD
 Sample : VN0322WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

Quant Time: Mar 22 23:20:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	334702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	610473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	534988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	232354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	296733	55.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.000%			
35) Dibromofluoromethane	8.172	113	213664	49.977	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	10.572	98	783824	51.325	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.854	95	280497	51.978	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	48018	14.341	ug/l	99
3) Chloromethane	2.378	50	45438	13.474	ug/l	99
4) Vinyl Chloride	2.531	62	56355	15.482	ug/l	96
5) Bromomethane	2.966	94	50978	20.734	ug/l	96
6) Chloroethane	3.131	64	41628	18.073	ug/l	97
7) Trichlorofluoromethane	3.513	101	160313	20.472	ug/l	95
8) Diethyl Ether	3.978	74	62570	21.231	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	86500	19.473	ug/l	99
10) Methyl Iodide	4.601	142	97963	19.580	ug/l	99
11) Tert butyl alcohol	5.531	59	92194	118.342	ug/l	98
12) 1,1-Dichloroethene	4.354	96	79602	19.589	ug/l	96
13) Acrolein	4.196	56	103815	107.740	ug/l	98
14) Allyl chloride	5.037	41	168012	22.585	ug/l	93
15) Acrylonitrile	5.731	53	290458	110.904	ug/l	100
16) Acetone	4.443	43	260712	109.443	ug/l	98
17) Carbon Disulfide	4.731	76	210081	17.730	ug/l	96
18) Methyl Acetate	5.037	43	201452	22.426	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	314882	21.591	ug/l	100
20) Methylene Chloride	5.290	84	103169	19.955	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	90446	20.535	ug/l	95
22) Diisopropyl ether	6.678	45	362141	22.219	ug/l	97
23) Vinyl Acetate	6.613	43	1153066	112.108	ug/l	98
24) 1,1-Dichloroethane	6.578	63	190252	20.398	ug/l	99
25) 2-Butanone	7.489	43	394160	113.109	ug/l	100
26) 2,2-Dichloropropane	7.495	77	146026	20.808	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	104992	20.814	ug/l	99
28) Bromochloromethane	7.819	49	85473	21.102	ug/l	92
29) Tetrahydrofuran	7.842	42	254944	112.899	ug/l	97
30) Chloroform	7.972	83	183179	20.235	ug/l	99
31) Cyclohexane	8.266	56	166555	19.041	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	153077	19.785	ug/l	97
36) 1,1-Dichloropropene	8.378	75	129204	19.349	ug/l	99
37) Ethyl Acetate	7.572	43	156411	21.892	ug/l	99
38) Carbon Tetrachloride	8.366	117	128981	19.831	ug/l	98
39) Methylcyclohexane	9.607	83	145509	18.617	ug/l	95
40) Benzene	8.613	78	397814	19.644	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	73950m	19.214	ug/l	
42) 1,2-Dichloroethane	8.672	62	151835	20.748	ug/l	99
43) Isopropyl Acetate	8.695	43	244297	21.889	ug/l	98
44) Trichloroethene	9.354	130	83567	17.965	ug/l	91
45) 1,2-Dichloropropane	9.625	63	111171	20.669	ug/l	96
46) Dibromomethane	9.713	93	67417	19.874	ug/l	99
47) Bromodichloromethane	9.889	83	142902	20.086	ug/l	98
48) Methyl methacrylate	9.683	41	117956	22.107	ug/l	97
49) 1,4-Dioxane	9.701	88	38473	422.169	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	775432	111.571	ug/l	98
52) Toluene	10.630	92	241460	19.969	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	143331	20.555	ug/l	95
54) cis-1,3-Dichloropropene	10.319	75	158952	20.204	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	96667	20.274	ug/l	98
56) Ethyl methacrylate	10.878	69	152528	21.273	ug/l #	92
57) 1,3-Dichloropropane	11.166	76	174618	20.003	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	280847	91.879	ug/l	98
59) 2-Hexanone	11.195	43	557638	110.620	ug/l	96
60) Dibromochloromethane	11.360	129	96564	20.161	ug/l	99
61) 1,2-Dibromoethane	11.472	107	93110	19.692	ug/l	97
64) Tetrachloroethene	11.107	164	65744	18.310	ug/l	98
65) Chlorobenzene	11.895	112	234276	19.032	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	87597	19.232	ug/l	97
67) Ethyl Benzene	11.966	91	446158	19.955	ug/l	99
68) m/p-Xylenes	12.072	106	335803	40.497	ug/l	100
69) o-Xylene	12.401	106	163942	19.898	ug/l	99
70) Styrene	12.413	104	266083	20.743	ug/l	98
71) Bromoform	12.577	173	63064	20.433	ug/l #	99
73) Isopropylbenzene	12.701	105	424054	20.365	ug/l	99
74) N-amyl acetate	12.495	43	200718	22.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	151980	20.146	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	116613m	19.403	ug/l	
77) Bromobenzene	12.983	156	89093	19.100	ug/l	96
78) n-propylbenzene	13.036	91	502640	20.910	ug/l	99
79) 2-Chlorotoluene	13.124	91	316658	20.674	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	366778	21.097	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	48648	22.280	ug/l	91
82) 4-Chlorotoluene	13.224	91	297384	20.418	ug/l	99
83) tert-Butylbenzene	13.442	119	302181	20.702	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	362392	20.888	ug/l	100
85) sec-Butylbenzene	13.619	105	433796	20.892	ug/l	100
86) p-Isopropyltoluene	13.730	119	345879	20.743	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	170100	19.294	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	164449	18.748	ug/l	98
89) n-Butylbenzene	14.060	91	292323	19.984	ug/l	99
90) Hexachloroethane	14.336	117	65384	19.286	ug/l	97
91) 1,2-Dichlorobenzene	14.113	146	170227	19.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	28918	20.687	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	74728	18.811	ug/l	99
94) Hexachlorobutadiene	15.507	225	40800	18.649	ug/l	100
95) Naphthalene	15.642	128	260238	18.125	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	75290	18.888	ug/l	98

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

