

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077138.D
 Acq On : 23 Mar 2023 09:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2023
 Supervised By :Mahesh Dadoda 03/23/2023

Quant Time: Mar 23 09:49:59 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	269135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	507209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	451982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	206812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	272846	63.468	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 126.940%#			
35) Dibromofluoromethane	8.172	113	205350	57.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.620%			
50) Toluene-d8	10.572	98	682225	53.768	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.540%			
62) 4-Bromofluorobenzene	12.854	95	238793	53.259	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	145971	57.592	ug/l	97
3) Chloromethane	2.372	50	219275	80.864	ug/l	100
4) Vinyl Chloride	2.525	62	263651	90.077	ug/l	95
5) Bromomethane	2.949	94	188277	95.231	ug/l	96
6) Chloroethane	3.125	64	253549	136.899	ug/l	95
7) Trichlorofluoromethane	3.507	101	564178	89.599	ug/l	95
8) Diethyl Ether	3.972	74	137166	57.882	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	147666	41.342	ug/l	99
10) Methyl Iodide	4.596	142	223717	55.609	ug/l	98
11) Tert butyl alcohol	5.542	59	186917	298.383	ug/l	100
12) 1,1-Dichloroethene	4.348	96	154252	47.208	ug/l	96
13) Acrolein	4.190	56	209255	270.073	ug/l	98
14) Allyl chloride	5.031	41	297390	49.715	ug/l	92
15) Acrylonitrile	5.725	53	618758	293.815	ug/l	97
16) Acetone	4.437	43	526814	275.024	ug/l	98
17) Carbon Disulfide	4.725	76	391076	41.046	ug/l	100
18) Methyl Acetate	5.037	43	442664	61.283	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	702723	59.924	ug/l	96
20) Methylene Chloride	5.290	84	223700	53.810	ug/l	93
21) trans-1,2-Dichloroethene	5.801	96	174778	49.350	ug/l	97
22) Diisopropyl ether	6.684	45	785698	59.949	ug/l	96
23) Vinyl Acetate	6.613	43	2519833	304.678	ug/l	100
24) 1,1-Dichloroethane	6.578	63	403239	53.767	ug/l	98
25) 2-Butanone	7.489	43	844060	301.221	ug/l	97
26) 2,2-Dichloropropane	7.495	77	198049	35.097	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	225430	55.577	ug/l	97
28) Bromochloromethane	7.825	49	188122	57.761	ug/l	98
29) Tetrahydrofuran	7.848	42	566818	312.159	ug/l	97
30) Chloroform	7.972	83	406021	55.779	ug/l	98
31) Cyclohexane	8.260	56	267583	38.043	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	309649	49.771	ug/l	99
36) 1,1-Dichloropropene	8.378	75	242212	43.658	ug/l	98
37) Ethyl Acetate	7.566	43	343857	57.927	ug/l	96
38) Carbon Tetrachloride	8.366	117	252181	46.666	ug/l	95
39) Methylcyclohexane	9.607	83	251814	38.777	ug/l	96
40) Benzene	8.613	78	837762	49.791	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	195989	61.289	ug/l	98
42) 1,2-Dichloroethane	8.678	62	342467	56.326	ug/l	100
43) Isopropyl Acetate	8.695	43	600781	64.789	ug/l	95
44) Trichloroethene	9.360	130	178889	46.287	ug/l	99
45) 1,2-Dichloropropane	9.625	63	234480	52.470	ug/l	98
46) Dibromomethane	9.713	93	159164	56.474	ug/l	98
47) Bromodichloromethane	9.895	83	319046	53.975	ug/l	95
48) Methyl methacrylate	9.683	41	275798	62.213	ug/l	92
49) 1,4-Dioxane	9.695	88	88462	1168.334	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1774921	307.373	ug/l	97
52) Toluene	10.630	92	486886	48.465	ug/l	95
53) t-1,3-Dichloropropene	10.836	75	309949	53.500	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	331851	50.768	ug/l	93
55) 1,1,2-Trichloroethane	11.019	97	223015	56.295	ug/l	98
56) Ethyl methacrylate	10.877	69	347586	58.349	ug/l #	89
57) 1,3-Dichloropropane	11.166	76	391777	54.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	660832	260.206	ug/l	99
59) 2-Hexanone	11.201	43	1282986	306.326	ug/l	94
60) Dibromochloromethane	11.366	129	228376	57.390	ug/l	99
61) 1,2-Dibromoethane	11.472	107	216991	55.235	ug/l	97
64) Tetrachloroethene	11.107	164	140065	46.174	ug/l	96
65) Chlorobenzene	11.895	112	517542	49.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	200083	51.996	ug/l	97
67) Ethyl Benzene	11.966	91	906393	47.984	ug/l	99
68) m/p-Xylenes	12.071	106	689508	98.424	ug/l	96
69) o-Xylene	12.401	106	354025	50.859	ug/l	97
70) Styrene	12.413	104	596677	55.058	ug/l	99
71) Bromoform	12.577	173	159374	61.121	ug/l	98
73) Isopropylbenzene	12.701	105	854391	46.099	ug/l	99
74) N-amyl acetate	12.495	43	487692	60.793	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	346739	51.639	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	260153m	48.631	ug/l	
77) Bromobenzene	12.983	156	211883	51.034	ug/l	91
78) n-propylbenzene	13.036	91	987800	46.169	ug/l	100
79) 2-Chlorotoluene	13.130	91	622298	45.646	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	737679	47.672	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	91495	47.079	ug/l #	85
82) 4-Chlorotoluene	13.224	91	589010	45.434	ug/l	96
83) tert-Butylbenzene	13.442	119	614050	47.263	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	754304	48.848	ug/l	99
85) sec-Butylbenzene	13.618	105	859135	46.487	ug/l	99
86) p-Isopropyltoluene	13.736	119	705855	47.560	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	388844	49.554	ug/l	96
88) 1,4-Dichlorobenzene	13.813	146	376403	48.213	ug/l	98
89) n-Butylbenzene	14.060	91	599640	46.055	ug/l	98
90) Hexachloroethane	14.336	117	133547	44.258	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	404064	51.660	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	63009	50.642	ug/l	91
93) 1,2,4-Trichlorobenzene	15.395	180	185736	52.529	ug/l	97
94) Hexachlorobutadiene	15.501	225	89870	46.152	ug/l	99
95) Naphthalene	15.642	128	666981	48.597	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	187864	52.951	ug/l	98

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

