

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077099.D
 Acq On : 22 Mar 2023 11:40
 Operator : JC\MD
 Sample : VN0322WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 22 23:20:02 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	350348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	635840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	563927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	245548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	300984	53.784	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.560%	
35) Dibromofluoromethane	8.172	113	219763	49.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.700%	
50) Toluene-d8	10.572	98	821787	51.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.848	95	290907	51.756	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	47176	13.386	ug/l	99
3) Chloromethane	2.372	50	43023	12.188	ug/l	97
4) Vinyl Chloride	2.531	62	61946	16.258	ug/l	94
5) Bromomethane	2.966	94	49318	19.163	ug/l	95
6) Chloroethane	3.131	64	52394	21.732	ug/l	96
7) Trichlorofluoromethane	3.513	101	161937	19.756	ug/l	95
8) Diethyl Ether	3.972	74	63042	20.436	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	92794	19.957	ug/l	99
10) Methyl Iodide	4.601	142	95881	18.308	ug/l	98
11) Tert butyl alcohol	5.537	59	77654	95.227	ug/l	99
12) 1,1-Dichloroethene	4.354	96	83829	19.708	ug/l	98
13) Acrolein	4.190	56	98215	97.376	ug/l	99
14) Allyl chloride	5.037	41	168079	21.585	ug/l	95
15) Acrylonitrile	5.731	53	264018	96.307	ug/l	98
16) Acetone	4.443	43	248352	99.598	ug/l	99
17) Carbon Disulfide	4.725	76	218475	17.615	ug/l #	94
18) Methyl Acetate	5.037	43	183486	19.514	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	304945	19.976	ug/l	95
20) Methylene Chloride	5.296	84	105897	19.568	ug/l	94
21) trans-1,2-Dichloroethene	5.801	96	87636	19.009	ug/l	98
22) Diisopropyl ether	6.684	45	358892	21.036	ug/l	99
23) Vinyl Acetate	6.613	43	1073521	99.713	ug/l	99
24) 1,1-Dichloroethane	6.578	63	192645	19.733	ug/l	99
25) 2-Butanone	7.489	43	348067	95.421	ug/l	99
26) 2,2-Dichloropropane	7.495	77	146054	19.883	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	103859	19.670	ug/l	97
28) Bromochloromethane	7.813	49	84835	20.010	ug/l	95
29) Tetrahydrofuran	7.848	42	226403	95.782	ug/l	98
30) Chloroform	7.972	83	190056	20.057	ug/l	96
31) Cyclohexane	8.260	56	170736	18.647	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	159453	19.689	ug/l	98
36) 1,1-Dichloropropene	8.378	75	135738	19.517	ug/l	98
37) Ethyl Acetate	7.566	43	144236	19.383	ug/l	98
38) Carbon Tetrachloride	8.366	117	133637	19.727	ug/l	98
39) Methylcyclohexane	9.607	83	156720	19.251	ug/l	96
40) Benzene	8.613	78	408206	19.353	ug/l	98

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41) Methacrylonitrile	7.784	41	81433	20.314	ug/l	97
42) 1,2-Dichloroethane	8.678	62	153665	20.161	ug/l	100
43) Isopropyl Acetate	8.689	43	228243	19.635	ug/l	98
44) Trichloroethene	9.354	130	87920	18.147	ug/l	98
45) 1,2-Dichloropropane	9.625	63	111452	19.895	ug/l	93
46) Dibromomethane	9.713	93	68550	19.402	ug/l	97
47) Bromodichloromethane	9.889	83	145518	19.638	ug/l	98
48) Methyl methacrylate	9.683	41	110998	19.973	ug/l	97
49) 1,4-Dioxane	9.701	88	35139	370.202	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	717793	99.158	ug/l	99
52) Toluene	10.630	92	249341	19.798	ug/l	100
53) t-1,3-Dichloropropene	10.842	75	146320	20.147	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	164227	20.041	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	98891	19.913	ug/l	98
56) Ethyl methacrylate	10.878	69	146217	19.580	ug/l	95
57) 1,3-Dichloropropane	11.166	76	175469	19.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	272845	85.700	ug/l	99
59) 2-Hexanone	11.195	43	514406	97.973	ug/l	96
60) Dibromochloromethane	11.360	129	98682	19.782	ug/l	99
61) 1,2-Dibromoethane	11.472	107	93303	18.946	ug/l	98
64) Tetrachloroethene	11.107	164	68529	18.107	ug/l	98
65) Chlorobenzene	11.895	112	245988	18.958	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	92298	19.224	ug/l	99
67) Ethyl Benzene	11.966	91	467147	19.821	ug/l	99
68) m/p-Xylenes	12.077	106	349074	39.937	ug/l	100
69) o-Xylene	12.401	106	169618	19.530	ug/l	99
70) Styrene	12.413	104	276814	20.472	ug/l	99
71) Bromoform	12.583	173	60918	18.725	ug/l #	99
73) Isopropylbenzene	12.701	105	438325	19.919	ug/l	99
74) N-amyl acetate	12.495	43	194248	20.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	145164	18.209	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	132895m	20.924	ug/l	
77) Bromobenzene	12.983	156	94114	19.092	ug/l	99
78) n-propylbenzene	13.042	91	526398	20.722	ug/l	99
79) 2-Chlorotoluene	13.130	91	324177	20.028	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	386845	21.056	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	40883	17.718	ug/l #	81
82) 4-Chlorotoluene	13.224	91	317382	20.620	ug/l	99
83) tert-Butylbenzene	13.442	119	310059	20.100	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	379579	20.703	ug/l	99
85) sec-Butylbenzene	13.618	105	452219	20.609	ug/l	99
86) p-Isopropyltoluene	13.730	119	364827	20.704	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	173309	18.602	ug/l	99
88) 1,4-Dichlorobenzene	13.819	146	173834	18.754	ug/l	99
89) n-Butylbenzene	14.060	91	308525	19.958	ug/l	100
90) Hexachloroethane	14.336	117	68872	19.224	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	176431	18.998	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	26210	17.743	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	77867	18.548	ug/l	98
94) Hexachlorobutadiene	15.501	225	42775	18.501	ug/l	99
95) Naphthalene	15.642	128	249119	16.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	75696	17.970	ug/l	99

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

