

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077124.D
 Acq On : 23 Mar 2023 03:27
 Operator : JC\MD
 Sample : VN0322WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

03/23/2023
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Mar 23 03:45:32 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	8.230	168	321881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	580669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	513855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	229917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	282277	54.902	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.800%	
35) Dibromofluoromethane	8.172	113	217125	53.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.780%	
50) Toluene-d8	10.571	98	754972	51.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.854	95	254230	49.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	72964	23.364	ug/l	95
3) Chloromethane	2.372	50	89553	27.613	ug/l	96
4) Vinyl Chloride	2.525	62	102800	29.366	ug/l	94
5) Bromomethane	2.960	94	66870	28.281	ug/l	100
6) Chloroethane	3.131	64	80613	36.393	ug/l	99
7) Trichlorofluoromethane	3.507	101	238312	31.645	ug/l	96
8) Diethyl Ether	3.978	74	97484	34.396	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.384	101	131023	30.671	ug/l	93
10) Methyl Iodide	4.601	142	177833	36.960	ug/l	92
11) Tert butyl alcohol	5.531	59	165958	221.512	ug/l	99
12) 1,1-Dichloroethene	4.360	96	127402	32.601	ug/l	87
13) Acrolein	4.195	56	138591	149.560	ug/l	98
14) Allyl chloride	5.037	41	211167	29.517	ug/l	94
15) Acrylonitrile	5.731	53	508124	201.743	ug/l	100
16) Acetone	4.437	43	362959	158.433	ug/l	99
17) Carbon Disulfide	4.731	76	320638	28.139	ug/l	97
18) Methyl Acetate	5.037	43	317448	36.746	ug/l	96
19) Methyl tert-butyl Ether	5.807	73	550375	39.242	ug/l	99
20) Methylene Chloride	5.295	84	178279	35.857	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	153699	36.287	ug/l	89
22) Diisopropyl ether	6.683	45	326088	20.803	ug/l	94
23) Vinyl Acetate	6.613	43	1007548	101.862	ug/l	99
24) 1,1-Dichloroethane	6.578	63	169561	18.904	ug/l	99
25) 2-Butanone	7.489	43	362498	108.166	ug/l	96
26) 2,2-Dichloropropane	7.495	77	97630	14.466	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	98872	20.381	ug/l	94
28) Bromochloromethane	7.819	49	83973	21.558	ug/l	100
29) Tetrahydrofuran	7.842	42	245352	112.979	ug/l	98
30) Chloroform	7.972	83	177408	20.378	ug/l	96
31) Cyclohexane	8.266	56	136081	16.177	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	144903	19.474	ug/l	98
36) 1,1-Dichloropropene	8.377	75	112072	17.645	ug/l	98
37) Ethyl Acetate	7.572	43	146573	21.568	ug/l	96
38) Carbon Tetrachloride	8.366	117	118421	19.142	ug/l	99
39) Methylcyclohexane	9.607	83	122533	16.482	ug/l	96
40) Benzene	8.613	78	375348	19.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	81387	22.231	ug/l	97
42) 1,2-Dichloroethane	8.677	62	146103	20.990	ug/l	100
43) Isopropyl Acetate	8.695	43	235733	22.206	ug/l	99
44) Trichloroethene	9.360	130	83975	18.979	ug/l	91
45) 1,2-Dichloropropane	9.624	63	103768	20.283	ug/l	96
46) Dibromomethane	9.713	93	66168	20.507	ug/l	96
47) Bromodichloromethane	9.895	83	135900	20.082	ug/l	99
48) Methyl methacrylate	9.683	41	113617	22.387	ug/l	92
49) 1,4-Dioxane	9.701	88	37945	437.747	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	740279	111.980	ug/l	98
52) Toluene	10.630	92	224620	19.530	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	126003	18.998	ug/l	96
54) cis-1,3-Dichloropropene	10.319	75	139948	18.701	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	96873	21.360	ug/l	98
56) Ethyl methacrylate	10.877	69	138429	20.298	ug/l #	93
57) 1,3-Dichloropropane	11.166	76	164521	19.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	261199	89.837	ug/l	98
59) 2-Hexanone	11.201	43	528330	110.186	ug/l	95
60) Dibromochloromethane	11.366	129	97994	21.510	ug/l	98
61) 1,2-Dibromoethane	11.471	107	93812	20.859	ug/l	97
64) Tetrachloroethene	11.107	164	69154	20.052	ug/l	97
65) Chlorobenzene	11.895	112	231619	19.590	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	86972	19.880	ug/l	99
67) Ethyl Benzene	11.965	91	398282	18.546	ug/l	97
68) m/p-Xylenes	12.077	106	307208	38.572	ug/l	93
69) o-Xylene	12.401	106	151532	19.148	ug/l	99
70) Styrene	12.413	104	247220	20.065	ug/l	97
71) Bromoform	12.583	173	64134	21.634	ug/l #	97
73) Isopropylbenzene	12.701	105	387524	18.808	ug/l	98
74) N-amyl acetate	12.495	43	184967	20.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	146470	19.621	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	112459m	18.910	ug/l	
77) Bromobenzene	12.983	156	91249	19.770	ug/l	89
78) n-propylbenzene	13.042	91	432710	18.192	ug/l	99
79) 2-Chlorotoluene	13.130	91	275991	18.210	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	330272	19.199	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	34226	15.841	ug/l	91
82) 4-Chlorotoluene	13.224	91	256945	17.828	ug/l	95
83) tert-Butylbenzene	13.442	119	273488	18.935	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	323408	18.839	ug/l	97
85) sec-Butylbenzene	13.618	105	378103	18.403	ug/l	99
86) p-Isopropyltoluene	13.730	119	308538	18.700	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	165140	18.930	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	161906	18.654	ug/l	99
89) n-Butylbenzene	14.059	91	241207	16.664	ug/l	98
90) Hexachloroethane	14.336	117	58402	17.410	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	168992	19.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	27191	19.658	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	67412	17.149	ug/l	97
94) Hexachlorobutadiene	15.506	225	38100	17.600	ug/l	95
95) Naphthalene	15.642	128	245829	17.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	73112	18.536	ug/l	99

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

