

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020223\
 Data File : VN076506.D
 Acq On : 02 Feb 2023 13:18
 Operator : JC\MD
 Sample : VN0202WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2023
 Supervised By : Mahesh Dadoda 02/03/2023

Quant Time: Feb 03 00:57:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	477959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	789946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	709359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	327850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	295188	55.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.320%			
35) Dibromofluoromethane	8.171	113	257216	52.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	10.571	98	917263	50.263	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.847	95	333499	55.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	82153	16.773	ug/l	99
3) Chloromethane	2.377	50	101957	20.105	ug/l	96
4) Vinyl Chloride	2.530	62	98559	15.850	ug/l	97
5) Bromomethane	2.971	94	66639	13.087	ug/l	93
6) Chloroethane	3.136	64	62982	13.508	ug/l	96
7) Trichlorofluoromethane	3.512	101	158291	18.503	ug/l	98
8) Diethyl Ether	3.977	74	56386	19.651	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.395	101	88957	18.369	ug/l	99
10) Methyl Iodide	4.600	142	124879	16.882	ug/l	98
11) Tert butyl alcohol	5.536	59	68355	95.493	ug/l	99
12) 1,1-Dichloroethene	4.359	96	82597	18.042	ug/l	94
13) Acrolein	4.195	56	77223	90.209	ug/l	100
14) Allyl chloride	5.036	41	110878	20.783	ug/l	89
15) Acrylonitrile	5.736	53	196380	96.407	ug/l	100
16) Acetone	4.448	43	172417	100.457	ug/l	97
17) Carbon Disulfide	4.730	76	167859	14.726	ug/l	99
18) Methyl Acetate	5.042	43	114240	19.649	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	302845	20.320	ug/l	97
20) Methylene Chloride	5.289	84	97877	18.906	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	87183	17.579	ug/l	99
22) Diisopropyl ether	6.683	45	265381	21.094	ug/l	98
23) Vinyl Acetate	6.612	43	805843	99.106	ug/l	99
24) 1,1-Dichloroethane	6.577	63	162090	19.328	ug/l	97
25) 2-Butanone	7.489	43	246587	94.110	ug/l	98
26) 2,2-Dichloropropane	7.500	77	138757	19.631	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	108668	18.786	ug/l	97
28) Bromochloromethane	7.824	49	74212	21.833	ug/l	99
29) Tetrahydrofuran	7.847	42	152057	94.028	ug/l	100
30) Chloroform	7.971	83	186411	20.089	ug/l	98
31) Cyclohexane	8.265	56	143785	17.490	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	165728	19.562	ug/l	93
36) 1,1-Dichloropropene	8.377	75	126611	18.031	ug/l	100
37) Ethyl Acetate	7.565	43	103144	18.337	ug/l	100
38) Carbon Tetrachloride	8.371	117	146657	18.730	ug/l	100
39) Methylcyclohexane	9.606	83	146906	17.133	ug/l	93
40) Benzene	8.612	78	385859	18.378	ug/l	99

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41) Methacrylonitrile	7.788	41	55676	18.880	ug/l	97
42) 1,2-Dichloroethane	8.677	62	143392	19.961	ug/l	98
43) Isopropyl Acetate	8.694	43	171247	18.691	ug/l	99
44) Trichloroethene	9.353	130	103368	17.407	ug/l	97
45) 1,2-Dichloropropane	9.624	63	95799	19.057	ug/l	99
46) Dibromomethane	9.712	93	71101	18.734	ug/l	98
47) Bromodichloromethane	9.888	83	148014	20.107	ug/l	97
48) Methyl methacrylate	9.682	41	84802	19.551	ug/l	93
49) 1,4-Dioxane	9.700	88	34740	379.571	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	522029	97.058	ug/l	100
52) Toluene	10.629	92	254441	18.122	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	140422	20.011	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	156582	19.395	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	103909	19.361	ug/l	98
56) Ethyl methacrylate	10.877	69	141586	20.435	ug/l	95
57) 1,3-Dichloropropane	11.165	76	168050	19.268	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	197826	84.574	ug/l	99
59) 2-Hexanone	11.194	43	368338	94.504	ug/l	98
60) Dibromochloromethane	11.359	129	113313	20.057	ug/l	100
61) 1,2-Dibromoethane	11.471	107	101281	18.906	ug/l	100
64) Tetrachloroethene	11.106	164	103869	16.237	ug/l	97
65) Chlorobenzene	11.894	112	271532	18.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	106784	19.140	ug/l	98
67) Ethyl Benzene	11.965	91	485239	18.908	ug/l	99
68) m/p-Xylenes	12.071	106	386033	37.513	ug/l	98
69) o-Xylene	12.400	106	191870	18.986	ug/l	95
70) Styrene	12.412	104	310039	19.214	ug/l	98
71) Bromoform	12.582	173	76376	18.956	ug/l #	98
73) Isopropylbenzene	12.700	105	501482	19.772	ug/l	100
74) N-amyl acetate	12.494	43	144351	19.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	139208	19.093	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	124516m	20.285	ug/l	
77) Bromobenzene	12.982	156	116563	19.313	ug/l	97
78) n-propylbenzene	13.035	91	556148	19.434	ug/l	99
79) 2-Chlorotoluene	13.123	91	347740	19.802	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	426853	20.089	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	34922	17.723	ug/l	93
82) 4-Chlorotoluene	13.123	91	347740	19.802	ug/l	98
83) tert-Butylbenzene	13.441	119	375380	19.864	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	422934	19.851	ug/l	98
85) sec-Butylbenzene	13.618	105	521054	19.870	ug/l	98
86) p-Isopropyltoluene	13.729	119	429909	19.937	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	213382	17.850	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	211810	18.690	ug/l	97
89) n-Butylbenzene	14.059	91	366276	21.398	ug/l	100
90) Hexachloroethane	14.335	117	77650	20.864	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	247669	20.801	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28645	22.602	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	123365	22.189	ug/l	98
94) Hexachlorobutadiene	15.500	225	67084	21.232	ug/l	97
95) Naphthalene	15.641	128	360869	22.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	124315	23.300	ug/l	97

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

