

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013023\
 Data File : VN076450.D
 Acq On : 30 Jan 2023 12:19
 Operator : JC\MD
 Sample : VN0130WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2023
 Supervised By : Semsettin Yesilyurt 01/31/2023

Quant Time: Jan 31 00:35:50 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	374519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	619135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	558732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	256554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	233478	55.677	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.360%			
35) Dibromofluoromethane	8.177	113	196484	50.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.460%			
50) Toluene-d8	10.571	98	725791	50.743	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.847	95	251184	53.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	72865	18.986	ug/l	99
3) Chloromethane	2.377	50	94597	23.806	ug/l	100
4) Vinyl Chloride	2.530	62	115769	23.760	ug/l	98
5) Bromomethane	2.965	94	81384	20.396	ug/l	96
6) Chloroethane	3.130	64	76479	20.933	ug/l	98
7) Trichlorofluoromethane	3.512	101	169752	25.324	ug/l	96
8) Diethyl Ether	3.983	74	56702	25.219	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.389	101	92070	24.262	ug/l	94
10) Methyl Iodide	4.601	142	115833	19.983	ug/l	95
11) Tert butyl alcohol	5.542	59	53596	95.554	ug/l	100
12) 1,1-Dichloroethene	4.353	96	80348	22.398	ug/l #	74
13) Acrolein	4.195	56	87879	131.010	ug/l	97
14) Allyl chloride	5.036	41	83413	19.954	ug/l	98
15) Acrylonitrile	5.736	53	163305	102.312	ug/l	99
16) Acetone	4.442	43	191940	142.751	ug/l	97
17) Carbon Disulfide	4.730	76	151870	17.003	ug/l	97
18) Methyl Acetate	5.042	43	94737	20.795	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	238570	20.429	ug/l	97
20) Methylene Chloride	5.289	84	82244	20.318	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	71744	18.461	ug/l	95
22) Diisopropyl ether	6.683	45	211106	21.414	ug/l	98
23) Vinyl Acetate	6.618	43	669174	105.028	ug/l	99
24) 1,1-Dichloroethane	6.583	63	134550	20.475	ug/l	98
25) 2-Butanone	7.494	43	212741	103.618	ug/l	91
26) 2,2-Dichloropropane	7.500	77	114114	20.604	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	88475	19.520	ug/l	95
28) Bromochloromethane	7.824	49	62535	23.478	ug/l	97
29) Tetrahydrofuran	7.841	42	137723	108.686	ug/l	96
30) Chloroform	7.971	83	151796	20.876	ug/l	96
31) Cyclohexane	8.265	56	118181	18.346	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	136616	20.579	ug/l	93
36) 1,1-Dichloropropene	8.377	75	103039	18.723	ug/l	97
37) Ethyl Acetate	7.571	43	89303	20.253	ug/l	98
38) Carbon Tetrachloride	8.371	117	120084	19.567	ug/l	97
39) Methylcyclohexane	9.606	83	122212	18.185	ug/l	98
40) Benzene	8.612	78	318861	19.377	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	45827	19.828	ug/l	99
42) 1,2-Dichloroethane	8.677	62	116816	20.748	ug/l	99
43) Isopropyl Acetate	8.694	43	142685	19.870	ug/l	98
44) Trichloroethene	9.359	130	82534	17.733	ug/l	96
45) 1,2-Dichloropropane	9.624	63	76960	19.533	ug/l	99
46) Dibromomethane	9.712	93	57270	19.253	ug/l	98
47) Bromodichloromethane	9.888	83	117568	20.378	ug/l	99
48) Methyl methacrylate	9.683	41	70595	20.766	ug/l	92
49) 1,4-Dioxane	9.700	88	29256	407.840	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	443419	105.187	ug/l	97
52) Toluene	10.630	92	208598	18.955	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	112698	20.491	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	121971	19.276	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	84138	20.002	ug/l	98
56) Ethyl methacrylate	10.877	69	113938	20.981	ug/l	99
57) 1,3-Dichloropropane	11.165	76	138607	20.277	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	161453	88.067	ug/l	100
59) 2-Hexanone	11.200	43	318688	104.323	ug/l	97
60) Dibromochloromethane	11.365	129	92329	20.851	ug/l	100
61) 1,2-Dibromoethane	11.471	107	81946	19.517	ug/l	100
64) Tetrachloroethene	11.106	164	82589	16.391	ug/l	96
65) Chlorobenzene	11.894	112	220089	18.634	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	86613	19.710	ug/l	98
67) Ethyl Benzene	11.965	91	396742	19.627	ug/l	98
68) m/p-Xylenes	12.071	106	310538	38.312	ug/l	98
69) o-Xylene	12.400	106	153028	19.225	ug/l	98
70) Styrene	12.412	104	243860	19.187	ug/l	98
71) Bromoform	12.582	173	62339	19.644	ug/l #	99
73) Isopropylbenzene	12.700	105	397022	20.004	ug/l	100
74) N-amyl acetate	12.500	43	114641	20.081	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	115416	20.229	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	103418m	21.589	ug/l	
77) Bromobenzene	12.982	156	90174	19.086	ug/l	91
78) n-propylbenzene	13.035	91	444585	19.853	ug/l	98
79) 2-Chlorotoluene	13.129	91	271867	19.784	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	337575	20.303	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	29899	19.390	ug/l	93
82) 4-Chlorotoluene	13.129	91	271867	19.784	ug/l	99
83) tert-Butylbenzene	13.441	119	308636	20.870	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	341062	20.457	ug/l	98
85) sec-Butylbenzene	13.618	105	414656	20.207	ug/l	99
86) p-Isopropyltoluene	13.735	119	332991	19.734	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	166843	17.836	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	166031	18.721	ug/l	98
89) n-Butylbenzene	14.059	91	260425	19.442	ug/l	99
90) Hexachloroethane	14.335	117	59186	20.323	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	168138	18.046	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19391	19.552	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	75927	17.730	ug/l	98
94) Hexachlorobutadiene	15.506	225	44330	17.929	ug/l	99
95) Naphthalene	15.641	128	202673	16.484	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	69881	17.062	ug/l	98

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

