

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076105.D
 Acq On : 05 Jan 2023 12:36
 Operator : JC\MD
 Sample : VN0105WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2023
 Supervised By : Mahesh Dadoda 01/07/2023

Quant Time: Jan 05 23:47:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	281532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	452212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	410169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	153603	50.151	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.300%			
35) Dibromofluoromethane	8.177	113	137965	49.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	10.570	98	486835	46.495	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.980%			
62) 4-Bromofluorobenzene	12.853	95	171772	49.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	47409	23.717	ug/l	97
3) Chloromethane	2.377	50	51252	20.619	ug/l	97
4) Vinyl Chloride	2.524	62	57693	19.458	ug/l	97
5) Bromomethane	2.953	94	50700	20.120	ug/l	99
6) Chloroethane	3.124	64	42346	19.286	ug/l	95
7) Trichlorofluoromethane	3.512	101	82846	18.414	ug/l	99
8) Diethyl Ether	3.971	74	33170	20.185	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	47362	18.435	ug/l	99
10) Methyl Iodide	4.606	142	77435	18.572	ug/l	99
11) Tert butyl alcohol	5.536	59	45351	104.644	ug/l #	89
12) 1,1-Dichloroethene	4.353	96	43990	17.630	ug/l	93
13) Acrolein	4.194	56	55359	104.193	ug/l	92
14) Allyl chloride	5.036	41	56826m	19.482	ug/l	
15) Acrylonitrile	5.730	53	119591	101.119	ug/l	100
16) Acetone	4.447	43	91670	86.824	ug/l	95
17) Carbon Disulfide	4.730	76	104036	17.221	ug/l	99
18) Methyl Acetate	5.041	43	66793	21.402	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	172782	21.028	ug/l	96
20) Methylene Chloride	5.288	84	59159	20.569	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	48834	17.871	ug/l	97
22) Diisopropyl ether	6.683	45	137683	19.431	ug/l	99
23) Vinyl Acetate	6.618	43	531451	111.432	ug/l	97
24) 1,1-Dichloroethane	6.577	63	88078	18.638	ug/l	98
25) 2-Butanone	7.494	43	147527	99.793	ug/l	96
26) 2,2-Dichloropropane	7.500	77	72616	18.145	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	60856	18.621	ug/l	98
28) Bromochloromethane	7.824	49	33538	16.192	ug/l	98
29) Tetrahydrofuran	7.847	42	96996	104.699	ug/l	100
30) Chloroform	7.977	83	165010	31.013	ug/l	99
31) Cyclohexane	8.271	56	72969	16.635	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	84778	17.973	ug/l	97
36) 1,1-Dichloropropene	8.382	75	67100	18.037	ug/l	99
37) Ethyl Acetate	7.571	43	61167	20.470	ug/l	99
38) Carbon Tetrachloride	8.371	117	73989	17.770	ug/l	97
39) Methylcyclohexane	9.606	83	82407	18.361	ug/l	94
40) Benzene	8.612	78	214121	18.655	ug/l	97

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41) Methacrylonitrile	7.788	41	30738	19.790	ug/l	91
42) 1,2-Dichloroethane	8.682	62	74763	19.592	ug/l	99
43) Isopropyl Acetate	8.694	43	101579	20.607	ug/l	99
44) Trichloroethene	9.359	130	57629	17.822	ug/l	98
45) 1,2-Dichloropropane	9.629	63	52734	18.880	ug/l	94
46) Dibromomethane	9.712	93	40735	19.663	ug/l	99
47) Bromodichloromethane	9.894	83	89326	21.987	ug/l #	93
48) Methyl methacrylate	9.688	41	47119	21.224	ug/l	97
49) 1,4-Dioxane	9.694	88	23910	438.075	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	310029	104.001	ug/l	100
52) Toluene	10.635	92	138036	18.466	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	79190	19.913	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	86949	19.913	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	60066	20.472	ug/l	99
56) Ethyl methacrylate	10.876	69	80804	20.733	ug/l	98
57) 1,3-Dichloropropane	11.165	76	95790	19.903	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	124744	100.533	ug/l	100
59) 2-Hexanone	11.200	43	223483	102.800	ug/l	99
60) Dibromochloromethane	11.359	129	67310	20.628	ug/l	100
61) 1,2-Dibromoethane	11.476	107	60446	20.357	ug/l	97
64) Tetrachloroethene	11.106	164	56049	19.419	ug/l	96
65) Chlorobenzene	11.894	112	152604	18.127	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	57089	18.308	ug/l	97
67) Ethyl Benzene	11.970	91	255003	17.947	ug/l	98
68) m/p-Xylenes	12.076	106	210972	37.515	ug/l	98
69) o-Xylene	12.400	106	103271	18.556	ug/l	99
70) Styrene	12.412	104	167849	18.969	ug/l	99
71) Bromoform	12.582	173	45326	19.976	ug/l #	100
73) Isopropylbenzene	12.700	105	261647	18.281	ug/l	99
74) N-amyl acetate	12.500	43	83401	19.863	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	82748	18.702	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	72302m	18.110	ug/l	
77) Bromobenzene	12.982	156	67530	18.644	ug/l	97
78) n-propylbenzene	13.041	91	294546	18.659	ug/l	100
79) 2-Chlorotoluene	13.129	91	178085	18.073	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	224965	18.780	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	22090	19.917	ug/l	96
82) 4-Chlorotoluene	13.129	91	178085	18.073	ug/l	100
83) tert-Butylbenzene	13.441	119	203624	19.280	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	228691	19.245	ug/l	100
85) sec-Butylbenzene	13.617	105	270078	18.527	ug/l	98
86) p-Isopropyltoluene	13.735	119	229890	18.953	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	122287	18.277	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	120953	17.696	ug/l	100
89) n-Butylbenzene	14.059	91	170000	17.300	ug/l	99
90) Hexachloroethane	14.341	117	40195	18.526	ug/l	95
91) 1,2-Dichlorobenzene	14.111	146	123926	18.804	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13917	17.727	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	53828	16.498	ug/l	97
94) Hexachlorobutadiene	15.505	225	29989	16.847	ug/l	97
95) Naphthalene	15.647	128	165021	16.821	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	55409	18.170	ug/l	100

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

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