

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076060.D
 Acq On : 03 Jan 2023 13:50
 Operator : JC\MD
 Sample : VN0103WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2023
 Supervised By : Mahesh Dadoda 01/04/2023

Quant Time: Jan 04 04:16:29 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	8.230	168	361244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	513280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	246037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	175824	44.739	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.480%		
35) Dibromofluoromethane	8.171	113	161288	45.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.640%		
50) Toluene-d8	10.571	98	604030	45.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.800%		
62) 4-Bromofluorobenzene	12.853	95	201840	45.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	64708	25.228	ug/l	97
3) Chloromethane	2.377	50	64274	20.152	ug/l	98
4) Vinyl Chloride	2.524	62	78369	20.599	ug/l	99
5) Bromomethane	2.959	94	61554	19.037	ug/l	93
6) Chloroethane	3.130	64	54364	19.296	ug/l	97
7) Trichlorofluoromethane	3.506	101	107355	18.596	ug/l	89
8) Diethyl Ether	3.977	74	37247	17.665	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	61019	18.510	ug/l	99
10) Methyl Iodide	4.600	142	94373	17.640	ug/l	99
11) Tert butyl alcohol	5.530	59	50493	90.800	ug/l	99
12) 1,1-Dichloroethene	4.353	96	56735	17.720	ug/l	97
13) Acrolein	4.200	56	50204	73.640	ug/l	98
14) Allyl chloride	5.042	41	71675m	19.151	ug/l	
15) Acrylonitrile	5.730	53	135065	89.003	ug/l	99
16) Acetone	4.442	43	123881	91.442	ug/l	99
17) Carbon Disulfide	4.730	76	138075	17.812	ug/l	100
18) Methyl Acetate	5.042	43	72472	18.098	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	191550	18.168	ug/l	95
20) Methylene Chloride	5.289	84	67316	18.167	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	61927	17.661	ug/l	90
22) Diisopropyl ether	6.683	45	160653	17.670	ug/l	96
23) Vinyl Acetate	6.618	43	527670	86.226	ug/l	97
24) 1,1-Dichloroethane	6.577	63	105729	17.437	ug/l	98
25) 2-Butanone	7.494	43	177752	93.707	ug/l	96
26) 2,2-Dichloropropane	7.500	77	93777	18.262	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	73667	17.567	ug/l	98
28) Bromochloromethane	7.818	49	39966	15.038	ug/l	98
29) Tetrahydrofuran	7.847	42	109183	91.848	ug/l	99
30) Chloroform	7.971	83	118539	17.363	ug/l	100
31) Cyclohexane	8.265	56	98033	17.417	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	107086	17.693	ug/l	97
36) 1,1-Dichloropropene	8.377	75	85182	18.020	ug/l	100
37) Ethyl Acetate	7.571	43	70461	18.557	ug/l	99
38) Carbon Tetrachloride	8.371	117	96570	18.252	ug/l	95
39) Methylcyclohexane	9.606	83	107000	18.762	ug/l	97
40) Benzene	8.612	78	264314	18.122	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	35690	18.083	ug/l	95
42) 1,2-Dichloroethane	8.677	62	86962	17.934	ug/l	100
43) Isopropyl Acetate	8.694	43	115411	18.426	ug/l	99
44) Trichloroethene	9.359	130	71108	17.306	ug/l	95
45) 1,2-Dichloropropane	9.630	63	61318	17.277	ug/l	100
46) Dibromomethane	9.718	93	46478	17.656	ug/l	99
47) Bromodichloromethane	9.894	83	91833	17.789	ug/l	99
48) Methyl methacrylate	9.688	41	51150	18.131	ug/l	95
49) 1,4-Dioxane	9.700	88	26375	380.295	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	355839	93.940	ug/l	100
52) Toluene	10.629	92	175787	18.506	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	92055	18.217	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	101648	18.321	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	69601	18.668	ug/l	97
56) Ethyl methacrylate	10.877	69	94632	19.109	ug/l	98
57) 1,3-Dichloropropane	11.165	76	108729	17.779	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	125528	79.614	ug/l	97
59) 2-Hexanone	11.200	43	260721	94.381	ug/l	100
60) Dibromochloromethane	11.359	129	75108	18.115	ug/l	98
61) 1,2-Dibromoethane	11.471	107	69849	18.513	ug/l	100
64) Tetrachloroethene	11.106	164	73168	20.258	ug/l	97
65) Chlorobenzene	11.894	112	189888	18.025	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	71447	18.310	ug/l	99
67) Ethyl Benzene	11.965	91	330348	18.579	ug/l	98
68) m/p-Xylenes	12.076	106	264688	37.611	ug/l	98
69) o-Xylene	12.400	106	130627	18.757	ug/l	99
70) Styrene	12.418	104	209410	18.911	ug/l	100
71) Bromoform	12.582	173	55111	19.409	ug/l #	95
73) Isopropylbenzene	12.700	105	337784	18.998	ug/l	99
74) N-amyl acetate	12.494	43	98731	18.929	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	96166	17.496	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	84149m	16.967	ug/l	
77) Bromobenzene	12.982	156	81774	18.174	ug/l	98
78) n-propylbenzene	13.041	91	377551	19.253	ug/l	100
79) 2-Chlorotoluene	13.129	91	227219	18.562	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	287984	19.353	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	26227	19.035	ug/l	97
82) 4-Chlorotoluene	13.129	91	227219	18.562	ug/l	100
83) tert-Butylbenzene	13.441	119	262662	20.020	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	284806	19.293	ug/l	99
85) sec-Butylbenzene	13.618	105	349590	19.305	ug/l	98
86) p-Isopropyltoluene	13.735	119	292126	19.387	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	149748	18.017	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	145336	17.117	ug/l	98
89) n-Butylbenzene	14.059	91	222445	18.223	ug/l	98
90) Hexachloroethane	14.335	117	51290	19.029	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	147809	18.054	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16364	16.779	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	68675	16.943	ug/l	99
94) Hexachlorobutadiene	15.506	225	39554	17.887	ug/l	100
95) Naphthalene	15.647	128	203863	16.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66267	17.492	ug/l	99

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

