

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076061.D
 Acq On : 03 Jan 2023 14:14
 Operator : JC\MD
 Sample : VN0103WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 04 04:17:12 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	8.230	168	333169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	535213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	481707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169115	46.658	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.320%		
35) Dibromofluoromethane	8.171	113	156276	47.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.300%		
50) Toluene-d8	10.571	98	575421	46.433	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.853	95	199695	48.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	65061	27.503	ug/l	100
3) Chloromethane	2.371	50	65887	22.398	ug/l	94
4) Vinyl Chloride	2.524	62	76063	21.677	ug/l	95
5) Bromomethane	2.959	94	62065	20.813	ug/l	97
6) Chloroethane	3.124	64	54338	20.912	ug/l	99
7) Trichlorofluoromethane	3.512	101	107593	20.208	ug/l	92
8) Diethyl Ether	3.977	74	38080	19.582	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	61863	20.348	ug/l	99
10) Methyl Iodide	4.606	142	95148	19.284	ug/l	99
11) Tert butyl alcohol	5.542	59	47639	92.887	ug/l #	85
12) 1,1-Dichloroethene	4.348	96	58778	19.906	ug/l	96
13) Acrolein	4.195	56	47851	76.103	ug/l	97
14) Allyl chloride	5.036	41	70205	20.338	ug/l	98
15) Acrylonitrile	5.736	53	130769	93.433	ug/l	99
16) Acetone	4.442	43	115853	92.722	ug/l	99
17) Carbon Disulfide	4.724	76	137636	19.251	ug/l	100
18) Methyl Acetate	5.048	43	72479	19.624	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	193493	19.899	ug/l	94
20) Methylene Chloride	5.289	84	66492	19.503	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	61488	19.014	ug/l	99
22) Diisopropyl ether	6.683	45	159165	18.981	ug/l	99
23) Vinyl Acetate	6.618	43	537239	95.187	ug/l	99
24) 1,1-Dichloroethane	6.577	63	105872	18.931	ug/l	97
25) 2-Butanone	7.489	43	166019	94.897	ug/l	97
26) 2,2-Dichloropropane	7.500	77	91181	19.253	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	73299	18.952	ug/l	98
28) Bromochloromethane	7.818	49	42105	17.178	ug/l	95
29) Tetrahydrofuran	7.847	42	106441	97.087	ug/l	99
30) Chloroform	7.971	83	117440	18.652	ug/l	90
31) Cyclohexane	8.265	56	97753	18.831	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	108697	19.472	ug/l	95
36) 1,1-Dichloropropene	8.383	75	85064	19.320	ug/l	99
37) Ethyl Acetate	7.571	43	69986	19.789	ug/l	97
38) Carbon Tetrachloride	8.371	117	97385	19.762	ug/l	98
39) Methylcyclohexane	9.606	83	108754	20.474	ug/l	98
40) Benzene	8.612	78	258315	19.015	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	35827	19.489	ug/l	95
42) 1,2-Dichloroethane	8.677	62	85923	19.025	ug/l	100
43) Isopropyl Acetate	8.694	43	116105	19.901	ug/l	99
44) Trichloroethene	9.359	130	72137	18.849	ug/l	91
45) 1,2-Dichloropropane	9.624	63	63028	19.066	ug/l	97
46) Dibromomethane	9.718	93	45983	18.754	ug/l	97
47) Bromodichloromethane	9.888	83	90640	18.851	ug/l	100
48) Methyl methacrylate	9.682	41	52439	19.957	ug/l	99
49) 1,4-Dioxane	9.694	88	25993	402.384	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	349395	99.030	ug/l	99
52) Toluene	10.635	92	173041	19.558	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	90260	19.177	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	100849	19.515	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	66534	19.159	ug/l	98
56) Ethyl methacrylate	10.877	69	91536	19.845	ug/l	98
57) 1,3-Dichloropropane	11.165	76	108411	19.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	135471	92.247	ug/l	99
59) 2-Hexanone	11.200	43	255956	99.479	ug/l	99
60) Dibromochloromethane	11.359	129	74648	19.329	ug/l	100
61) 1,2-Dibromoethane	11.471	107	69336	19.730	ug/l	99
64) Tetrachloroethene	11.106	164	72941	21.519	ug/l	97
65) Chlorobenzene	11.894	112	188510	19.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	70302	19.197	ug/l	99
67) Ethyl Benzene	11.965	91	326799	19.584	ug/l	99
68) m/p-Xylenes	12.076	106	264394	40.032	ug/l	99
69) o-Xylene	12.400	106	130412	19.953	ug/l	99
70) Styrene	12.412	104	208906	20.102	ug/l	98
71) Bromoform	12.582	173	53883	20.221	ug/l #	97
73) Isopropylbenzene	12.700	105	339411	20.214	ug/l	100
74) N-amyl acetate	12.500	43	99301	20.159	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	94559	18.217	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	82451m	17.603	ug/l	
77) Bromobenzene	12.982	156	81226	19.114	ug/l	99
78) n-propylbenzene	13.041	91	373945	20.192	ug/l	99
79) 2-Chlorotoluene	13.129	91	223649	19.346	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	282434	20.097	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	26711	20.527	ug/l	88
82) 4-Chlorotoluene	13.129	91	223649	19.346	ug/l	100
83) tert-Butylbenzene	13.441	119	259562	20.948	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	288365	20.684	ug/l	100
85) sec-Butylbenzene	13.618	105	347129	20.298	ug/l	99
86) p-Isopropyltoluene	13.735	119	295071	20.735	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	148667	18.939	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	149185	18.604	ug/l	99
89) n-Butylbenzene	14.059	91	224746	19.495	ug/l	100
90) Hexachloroethane	14.335	117	50943	20.013	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	151475	19.591	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17195	18.669	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	73634	19.236	ug/l	100
94) Hexachlorobutadiene	15.506	225	40505	19.395	ug/l	97
95) Naphthalene	15.641	128	218845	18.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	71430	19.965	ug/l	98

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

