

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076106.D
 Acq On : 05 Jan 2023 13:15
 Operator : JC\MD
 Sample : VN0105WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 23:47:53 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	343639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169033	45.214	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.420%		
35) Dibromofluoromethane	8.171	113	155126	46.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.960%		
50) Toluene-d8	10.571	98	571064	45.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.520%		
62) 4-Bromofluorobenzene	12.853	95	199524	48.273	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	66389	27.209	ug/l	98
3) Chloromethane	2.371	50	64312	21.197	ug/l	98
4) Vinyl Chloride	2.524	62	75595	20.887	ug/l	96
5) Bromomethane	2.953	94	62161	20.210	ug/l	97
6) Chloroethane	3.124	64	53554	19.982	ug/l	93
7) Trichlorofluoromethane	3.506	101	107082	19.499	ug/l	98
8) Diethyl Ether	3.977	74	39361	19.624	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	63578	20.274	ug/l	99
10) Methyl Iodide	4.600	142	94432	18.555	ug/l	100
11) Tert butyl alcohol	5.542	59	49866	94.267	ug/l	96
12) 1,1-Dichloroethene	4.353	96	58553	19.225	ug/l	98
13) Acrolein	4.195	56	55732	85.937	ug/l	96
14) Allyl chloride	5.042	41	70892m	19.912	ug/l	
15) Acrylonitrile	5.730	53	135341	93.754	ug/l	100
16) Acetone	4.448	43	108464	84.164	ug/l	97
17) Carbon Disulfide	4.724	76	136108	18.458	ug/l	98
18) Methyl Acetate	5.042	43	70976	18.632	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	199640	19.905	ug/l	97
20) Methylene Chloride	5.283	84	71904	20.479	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	63261	18.966	ug/l	91
22) Diisopropyl ether	6.689	45	164948	19.071	ug/l	98
23) Vinyl Acetate	6.612	43	552758	94.953	ug/l	100
24) 1,1-Dichloroethane	6.577	63	108666	18.839	ug/l	97
25) 2-Butanone	7.494	43	171110	94.827	ug/l	96
26) 2,2-Dichloropropane	7.500	77	99899	20.451	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	73918	18.530	ug/l	98
28) Bromochloromethane	7.824	49	36267	14.345	ug/l	97
29) Tetrahydrofuran	7.847	42	109819	97.116	ug/l	98
30) Chloroform	7.971	83	166323	25.610	ug/l	98
31) Cyclohexane	8.265	56	101434	18.945	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	110815	19.247	ug/l	96
36) 1,1-Dichloropropene	8.377	75	87094	19.643	ug/l	100
37) Ethyl Acetate	7.571	43	70783	19.875	ug/l	97
38) Carbon Tetrachloride	8.371	117	98166	19.782	ug/l	100
39) Methylcyclohexane	9.606	83	112072	20.952	ug/l	96
40) Benzene	8.612	78	262211	19.168	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	36169	19.538	ug/l	97
42) 1,2-Dichloroethane	8.677	62	86966	19.122	ug/l	100
43) Isopropyl Acetate	8.694	43	115878	19.725	ug/l	98
44) Trichloroethene	9.353	130	71544	18.564	ug/l	97
45) 1,2-Dichloropropane	9.630	63	62622	18.812	ug/l	96
46) Dibromomethane	9.718	93	47742	19.336	ug/l	96
47) Bromodichloromethane	9.894	83	101700	21.004	ug/l	99
48) Methyl methacrylate	9.688	41	52380	19.796	ug/l	97
49) 1,4-Dioxane	9.700	88	26663	409.890	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	355234	99.986	ug/l	100
52) Toluene	10.635	92	174964	19.638	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	94581	19.955	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	104102	20.005	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	68258	19.519	ug/l	100
56) Ethyl methacrylate	10.877	69	93079	20.039	ug/l	98
57) 1,3-Dichloropropane	11.165	76	112697	19.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	142520	96.373	ug/l	98
59) 2-Hexanone	11.200	43	257444	99.362	ug/l	100
60) Dibromochloromethane	11.365	129	75573	19.433	ug/l	99
61) 1,2-Dibromoethane	11.471	107	71121	20.098	ug/l	99
64) Tetrachloroethene	11.106	164	70353	20.793	ug/l	98
65) Chlorobenzene	11.894	112	192476	19.503	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	71432	19.541	ug/l	99
67) Ethyl Benzene	11.965	91	335244	20.127	ug/l	96
68) m/p-Xylenes	12.076	106	270851	41.085	ug/l	99
69) o-Xylene	12.400	106	132452	20.302	ug/l	100
70) Styrene	12.412	104	214419	20.671	ug/l	99
71) Bromoform	12.582	173	53998	20.301	ug/l #	99
73) Isopropylbenzene	12.700	105	343439	19.723	ug/l	99
74) N-amyl acetate	12.494	43	100554	19.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	99193	18.427	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	86190m	17.745	ug/l	
77) Bromobenzene	12.982	156	84818	19.247	ug/l	95
78) n-propylbenzene	13.041	91	391059	20.362	ug/l	100
79) 2-Chlorotoluene	13.129	91	234327	19.545	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	293597	20.145	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28559	21.164	ug/l	92
82) 4-Chlorotoluene	13.129	91	234327	19.545	ug/l	100
83) tert-Butylbenzene	13.441	119	269123	20.944	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	301008	20.820	ug/l	99
85) sec-Butylbenzene	13.618	105	364898	20.575	ug/l	98
86) p-Isopropyltoluene	13.735	119	310514	21.041	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	157632	19.364	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	160127	19.256	ug/l	99
89) n-Butylbenzene	14.059	91	239278	20.014	ug/l	99
90) Hexachloroethane	14.335	117	52028	19.709	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	156195	19.480	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17320	18.133	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	72262	18.204	ug/l	99
94) Hexachlorobutadiene	15.506	225	41612	19.213	ug/l	98
95) Naphthalene	15.647	128	212801	17.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	71447	19.257	ug/l	100

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

