

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075251.D
 Acq On : 11 Nov 2022 16:29
 Operator : JC\MD
 Sample : VN1111WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:47:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	115275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	212119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	192554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74312	47.845	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.680%		
35) Dibromofluoromethane	8.171	113	65440	52.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.100%		
50) Toluene-d8	10.571	98	232449	48.114	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.220%		
62) 4-Bromofluorobenzene	12.853	95	85434	50.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	26373	17.587	ug/l	92
3) Chloromethane	2.371	50	25998	16.322	ug/l	98
4) Vinyl Chloride	2.524	62	36745	16.171	ug/l	97
5) Bromomethane	2.918	94	32444	16.710	ug/l	95
6) Chloroethane	3.095	64	27411	16.822	ug/l	97
7) Trichlorofluoromethane	3.489	101	45786	19.725	ug/l	94
8) Diethyl Ether	3.971	74	16900	19.961	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	25965	20.254	ug/l	97
10) Methyl Iodide	4.595	142	37769	19.790	ug/l	99
11) Tert butyl alcohol	5.542	59	33056	91.262	ug/l	97
12) 1,1-Dichloroethene	4.342	96	23441	19.183	ug/l	87
13) Acrolein	4.189	56	17842	60.223	ug/l	98
14) Allyl chloride	5.030	41	32746	18.349	ug/l	93
15) Acrylonitrile	5.736	53	71242	93.109	ug/l	98
16) Acetone	4.442	43	59233	90.066	ug/l #	86
17) Carbon Disulfide	4.718	76	55095	17.930	ug/l	98
18) Methyl Acetate	5.042	43	40770	18.978	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	83961	18.487	ug/l	98
20) Methylene Chloride	5.283	84	29470	20.097	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	25918	19.372	ug/l	97
22) Diisopropyl ether	6.683	45	70440	17.885	ug/l	96
23) Vinyl Acetate	6.612	43	291688m	88.691	ug/l	
24) 1,1-Dichloroethane	6.577	63	46721	18.757	ug/l	97
25) 2-Butanone	7.494	43	95378	92.203	ug/l	100
26) 2,2-Dichloropropane	7.494	77	40725	17.772	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	31119	19.477	ug/l	98
28) Bromochloromethane	7.818	49	18920	18.019	ug/l	92
29) Tetrahydrofuran	7.847	42	61827	92.494	ug/l	99
30) Chloroform	7.977	83	52428	19.386	ug/l	97
31) Cyclohexane	8.259	56	43370	18.775	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	48037	19.560	ug/l	96
36) 1,1-Dichloropropene	8.371	75	37616	19.512	ug/l	98
37) Ethyl Acetate	7.571	43	36701	17.359	ug/l	95
38) Carbon Tetrachloride	8.371	117	42415	20.001	ug/l	96
39) Methylcyclohexane	9.606	83	48132	18.912	ug/l	94
40) Benzene	8.612	78	116473	19.732	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	18476	18.240	ug/l	98
42) 1,2-Dichloroethane	8.677	62	40291	18.761	ug/l	98
43) Isopropyl Acetate	8.694	43	58820	17.936	ug/l	98
44) Trichloroethene	9.359	130	30268	20.438	ug/l	90
45) 1,2-Dichloropropane	9.624	63	27578	19.632	ug/l	95
46) Dibromomethane	9.712	93	20870	19.069	ug/l	97
47) Bromodichloromethane	9.888	83	39804	18.781	ug/l	97
48) Methyl methacrylate	9.683	41	27110	18.021	ug/l	97
49) 1,4-Dioxane	9.700	88	16893	428.833	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	194896	92.095	ug/l	100
52) Toluene	10.635	92	77291	19.588	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	40364	18.044	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	44527	18.766	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	31213	19.950	ug/l	98
56) Ethyl methacrylate	10.877	69	43803	18.354	ug/l	99
57) 1,3-Dichloropropane	11.165	76	51113	19.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	86782	94.059	ug/l	99
59) 2-Hexanone	11.200	43	145988	90.892	ug/l	99
60) Dibromochloromethane	11.359	129	30473	18.461	ug/l	98
61) 1,2-Dibromoethane	11.471	107	31312	19.529	ug/l	97
64) Tetrachloroethene	11.106	164	27714	23.476	ug/l	99
65) Chlorobenzene	11.894	112	82904	20.171	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	30474	19.987	ug/l	99
67) Ethyl Benzene	11.965	91	143755	19.440	ug/l	97
68) m/p-Xylenes	12.071	106	116329	39.206	ug/l	99
69) o-Xylene	12.400	106	59132	20.152	ug/l	95
70) Styrene	12.412	104	91637	19.586	ug/l	98
71) Bromoform	12.582	173	21792	19.090	ug/l #	99
73) Isopropylbenzene	12.700	105	145300	18.845	ug/l	98
74) N-amyl acetate	12.494	43	51353	18.008	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	46548	18.533	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	42393m	20.789	ug/l	
77) Bromobenzene	12.982	156	33391	19.668	ug/l	96
78) n-propylbenzene	13.035	91	168932	19.515	ug/l	99
79) 2-Chlorotoluene	13.129	91	102589	19.394	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	127830	19.739	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	12262	15.436	ug/l	91
82) 4-Chlorotoluene	13.129	91	102589	19.394	ug/l	99
83) tert-Butylbenzene	13.441	119	112451	19.542	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	130857	19.971	ug/l	100
85) sec-Butylbenzene	13.618	105	157290	19.539	ug/l	99
86) p-Isopropyltoluene	13.729	119	131706	19.811	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	66140	19.897	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	67369	20.479	ug/l	98
89) n-Butylbenzene	14.059	91	105316	19.672	ug/l	100
90) Hexachloroethane	14.335	117	21935	17.995	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	65920	19.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9418	18.109	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	31976	22.486	ug/l	97
94) Hexachlorobutadiene	15.506	225	14831	21.394	ug/l	94
95) Naphthalene	15.641	128	110788	20.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30048	21.266	ug/l	98

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

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