

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075527.D
 Acq On : 02 Dec 2022 13:18
 Operator : JC\MD
 Sample : VN1202WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:31:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	136666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	223745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	37497	51.113	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.220%			
35) Dibromofluoromethane	8.165	113	46989	53.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.920%			
50) Toluene-d8	10.571	98	101228	51.135	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.260%			
62) 4-Bromofluorobenzene	12.853	95	76303	52.220	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	17951	17.177	ug/l	98
3) Chloromethane	2.371	50	21734	16.714	ug/l	90
4) Vinyl Chloride	2.524	62	27762	16.940	ug/l	99
5) Bromomethane	2.936	94	25200	17.487	ug/l	89
6) Chloroethane	3.112	64	23069	18.578	ug/l	96
7) Trichlorofluoromethane	3.501	101	42628	18.208	ug/l	99
8) Diethyl Ether	3.977	74	15752	19.197	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	25053	19.384	ug/l	89
10) Methyl Iodide	4.601	142	38881	18.565	ug/l	95
11) Tert butyl alcohol	5.536	59	27296	88.635	ug/l	97
12) 1,1-Dichloroethene	4.348	96	22699	17.935	ug/l	89
13) Acrolein	4.195	56	24559	91.542	ug/l	98
14) Allyl chloride	5.036	41	30147m	18.415	ug/l	
15) Acrylonitrile	5.730	53	69410	98.239	ug/l	99
16) Acetone	4.436	43	59496	86.948	ug/l	93
17) Carbon Disulfide	4.724	76	49132	14.938	ug/l	97
18) Methyl Acetate	5.036	43	36613	20.459	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	84800	18.914	ug/l	99
20) Methylene Chloride	5.277	84	28820	20.003	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	25925	17.974	ug/l	90
22) Diisopropyl ether	6.683	45	71889	19.243	ug/l #	95
23) Vinyl Acetate	6.612	43	281283m	94.642	ug/l	
24) 1,1-Dichloroethane	6.571	63	44120	18.399	ug/l	97
25) 2-Butanone	7.489	43	91314	95.584	ug/l	98
26) 2,2-Dichloropropane	7.494	77	39905	17.906	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	31499	19.314	ug/l	93
28) Bromochloromethane	7.818	49	19268	19.796	ug/l #	82
29) Tetrahydrofuran	7.841	42	54751	94.220	ug/l	95
30) Chloroform	7.971	83	53246	19.336	ug/l	97
31) Cyclohexane	8.259	56	40016	17.169	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	47221	18.886	ug/l	98
36) 1,1-Dichloropropene	8.377	75	35058	18.290	ug/l	97
37) Ethyl Acetate	7.565	43	32487	18.823	ug/l	98
38) Carbon Tetrachloride	8.359	117	41385	19.655	ug/l	95
39) Methylcyclohexane	9.606	83	43298	18.049	ug/l	92
40) Benzene	8.612	78	112033	19.090	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	18204	20.631	ug/l	99
42) 1,2-Dichloroethane	8.671	62	38831	19.757	ug/l	97
43) Isopropyl Acetate	8.694	43	55447	20.015	ug/l	96
44) Trichloroethene	9.353	130	30364	18.909	ug/l	100
45) 1,2-Dichloropropane	9.630	63	26810	19.170	ug/l	100
46) Dibromomethane	9.712	93	21445	20.273	ug/l	92
47) Bromodichloromethane	9.888	83	40944	19.987	ug/l	95
48) Methyl methacrylate	9.683	41	25717	20.076	ug/l	97
49) 1,4-Dioxane	9.700	88	14924	410.293	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	179022	101.459	ug/l	96
52) Toluene	10.630	92	73429	19.417	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	39710	19.309	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	44487	19.917	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	31092	20.186	ug/l	94
56) Ethyl methacrylate	10.877	69	42071	20.225	ug/l	96
57) 1,3-Dichloropropane	11.165	76	50736	20.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	73171	97.534	ug/l	94
59) 2-Hexanone	11.200	43	131313	99.108	ug/l	96
60) Dibromochloromethane	11.359	129	34173	21.614	ug/l	99
61) 1,2-Dibromoethane	11.471	107	32865	20.557	ug/l	96
64) Tetrachloroethene	11.106	164	27898	18.228	ug/l #	92
65) Chlorobenzene	11.894	112	81325	19.649	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	31658	20.494	ug/l	97
67) Ethyl Benzene	11.965	91	139301	19.728	ug/l	95
68) m/p-Xylenes	12.076	106	115717	40.355	ug/l	98
69) o-Xylene	12.400	106	57012	20.011	ug/l	94
70) Styrene	12.412	104	89086	19.822	ug/l	100
71) Bromoform	12.576	173	24749	21.051	ug/l #	98
73) Isopropylbenzene	12.700	105	144904	19.827	ug/l	97
74) N-amyl acetate	12.494	43	44914	19.990	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	47313	21.234	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	35306m	18.667	ug/l	
77) Bromobenzene	12.982	156	35667	19.768	ug/l	87
78) n-propylbenzene	13.041	91	162641	19.941	ug/l	99
79) 2-Chlorotoluene	13.123	91	98258	19.994	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	124072	20.434	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	12770	19.977	ug/l	95
82) 4-Chlorotoluene	13.123	91	98258	19.994	ug/l	95
83) tert-Butylbenzene	13.441	119	108864	19.664	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	123747	20.318	ug/l	99
85) sec-Butylbenzene	13.618	105	153884	20.486	ug/l	99
86) p-Isopropyltoluene	13.729	119	126911	20.081	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	69644	20.372	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	68002	19.582	ug/l	99
89) n-Butylbenzene	14.059	91	100878	18.898	ug/l	98
90) Hexachloroethane	14.335	117	22787	20.900	ug/l	80
91) 1,2-Dichlorobenzene	14.106	146	69069	20.727	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8919	21.131	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	33294	19.497	ug/l	96
94) Hexachlorobutadiene	15.506	225	18091	20.339	ug/l	97
95) Naphthalene	15.641	128	103660	19.295	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32932	19.621	ug/l	96

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

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