

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075640.D
 Acq On : 08 Dec 2022 11:17
 Operator : JC\MD
 Sample : VN1208WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 02:04:22 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	174739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	248115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	44053	46.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.940%			
35) Dibromofluoromethane	8.171	113	59188	54.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.960%			
50) Toluene-d8	10.571	98	126021	51.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.960%			
62) 4-Bromofluorobenzene	12.853	95	97347	54.397	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	28363	21.227	ug/l	96
3) Chloromethane	2.371	50	32347	19.456	ug/l	97
4) Vinyl Chloride	2.524	62	41690	19.897	ug/l	93
5) Bromomethane	2.936	94	35993	19.534	ug/l	97
6) Chloroethane	3.112	64	31595	19.900	ug/l	98
7) Trichlorofluoromethane	3.501	101	61981	20.706	ug/l	93
8) Diethyl Ether	3.971	74	23219	22.131	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	36487	22.080	ug/l	91
10) Methyl Iodide	4.595	142	57968	21.648	ug/l	96
11) Tert butyl alcohol	5.536	59	32052	81.401	ug/l #	90
12) 1,1-Dichloroethene	4.348	96	32957	20.367	ug/l	91
13) Acrolein	4.189	56	32653	95.192	ug/l	98
14) Allyl chloride	5.030	41	39556	18.898	ug/l	92
15) Acrylonitrile	5.730	53	80244	88.827	ug/l	99
16) Acetone	4.442	43	77414	88.483	ug/l	99
17) Carbon Disulfide	4.718	76	83398	19.831	ug/l	99
18) Methyl Acetate	5.042	43	44870	19.555	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	117661	20.526	ug/l	97
20) Methylene Chloride	5.283	84	39709	21.657	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	36707	19.905	ug/l	92
22) Diisopropyl ether	6.683	45	99919	20.919	ug/l	98
23) Vinyl Acetate	6.612	43	339125	89.243	ug/l	96
24) 1,1-Dichloroethane	6.577	63	64132	20.918	ug/l	98
25) 2-Butanone	7.489	43	104353	85.432	ug/l	96
26) 2,2-Dichloropropane	7.489	77	53937	18.929	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	44464	21.323	ug/l	92
28) Bromochloromethane	7.812	49	23569	18.938	ug/l #	76
29) Tetrahydrofuran	7.841	42	65322	87.919	ug/l	97
30) Chloroform	7.971	83	71748	20.378	ug/l	94
31) Cyclohexane	8.265	56	55215	18.528	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	64931	20.311	ug/l	96
36) 1,1-Dichloropropene	8.377	75	50392	21.466	ug/l	97
37) Ethyl Acetate	7.571	43	42372	20.045	ug/l	99
38) Carbon Tetrachloride	8.365	117	58809	22.805	ug/l	93
39) Methylcyclohexane	9.606	83	64877	22.082	ug/l	97
40) Benzene	8.612	78	161384	22.453	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	21719	20.097	ug/l	97
42) 1,2-Dichloroethane	8.671	62	51790	21.515	ug/l	96
43) Isopropyl Acetate	8.694	43	70609	20.811	ug/l	97
44) Trichloroethene	9.353	130	44202	22.476	ug/l	94
45) 1,2-Dichloropropane	9.624	63	38244	22.328	ug/l	95
46) Dibromomethane	9.718	93	29645	22.882	ug/l	89
47) Bromodichloromethane	9.888	83	56725	22.610	ug/l	97
48) Methyl methacrylate	9.683	41	32582	20.768	ug/l	95
49) 1,4-Dioxane	9.700	88	16420	368.586	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	214893	99.441	ug/l	98
52) Toluene	10.635	92	105840	22.851	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	55144	21.894	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	61595	22.516	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	41138	21.807	ug/l	94
56) Ethyl methacrylate	10.877	69	56512	22.182	ug/l	96
57) 1,3-Dichloropropane	11.165	76	67755	22.027	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	92644	100.831	ug/l	96
59) 2-Hexanone	11.200	43	160793	99.089	ug/l	99
60) Dibromochloromethane	11.359	129	46626	24.079	ug/l	100
61) 1,2-Dibromoethane	11.471	107	42433	21.672	ug/l	100
64) Tetrachloroethene	11.106	164	41088	21.685	ug/l #	83
65) Chlorobenzene	11.894	112	117116	22.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	42812	22.387	ug/l	99
67) Ethyl Benzene	11.965	91	201209	23.017	ug/l	100
68) m/p-Xylenes	12.076	106	165715	46.681	ug/l	97
69) o-Xylene	12.400	106	79727	22.604	ug/l	97
70) Styrene	12.412	104	129887	23.344	ug/l	99
71) Bromoform	12.582	173	33505	23.020	ug/l #	99
73) Isopropylbenzene	12.700	105	205197	21.827	ug/l	98
74) N-amyl acetate	12.500	43	60479	20.926	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	58770	20.505	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	44728m	18.385	ug/l	
77) Bromobenzene	12.982	156	50452	21.738	ug/l	82
78) n-propylbenzene	13.041	91	229685	21.892	ug/l	98
79) 2-Chlorotoluene	13.129	91	138454	21.903	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	176273	22.569	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	15573	18.939	ug/l	97
82) 4-Chlorotoluene	13.129	91	138454	21.903	ug/l	96
83) tert-Butylbenzene	13.441	119	162615	22.835	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	178770	22.819	ug/l	98
85) sec-Butylbenzene	13.618	105	218699	22.634	ug/l	99
86) p-Isopropyltoluene	13.735	119	190442	23.426	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	98636	22.431	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	97153	21.749	ug/l	99
89) n-Butylbenzene	14.059	91	151439	22.056	ug/l	97
90) Hexachloroethane	14.335	117	31333	22.341	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	96969	22.623	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10564	19.458	ug/l	79
93) 1,2,4-Trichlorobenzene	15.400	180	50744	23.101	ug/l	99
94) Hexachlorobutadiene	15.506	225	27577	24.102	ug/l	99
95) Naphthalene	15.641	128	139867	20.240	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	48837	22.621	ug/l	98

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

