

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075641.D
 Acq On : 08 Dec 2022 12:32
 Operator : JC\MD
 Sample : VN1208WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS02

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 02:05:03 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	171714	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	272254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	250104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	49738	53.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.920%	
35) Dibromofluoromethane	8.171	113	64713	60.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.020%	
50) Toluene-d8	10.571	98	135356	56.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.380%	
62) 4-Bromofluorobenzene	12.853	95	106407	59.847	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	28556	21.748	ug/l	95
3) Chloromethane	2.371	50	32039	19.610	ug/l	91
4) Vinyl Chloride	2.524	62	39197	19.036	ug/l	92
5) Bromomethane	2.936	94	37665	20.802	ug/l	98
6) Chloroethane	3.112	64	31904	20.449	ug/l	91
7) Trichlorofluoromethane	3.501	101	58775	19.981	ug/l	100
8) Diethyl Ether	3.971	74	23558	22.850	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	34761	21.406	ug/l	92
10) Methyl Iodide	4.595	142	57148	21.718	ug/l	96
11) Tert butyl alcohol	5.536	59	36338	93.912	ug/l	# 85
12) 1,1-Dichloroethene	4.348	96	33130	20.834	ug/l	87
13) Acrolein	4.189	56	29784	88.358	ug/l	100
14) Allyl chloride	5.030	41	43132	20.970	ug/l	94
15) Acrylonitrile	5.736	53	87128	98.147	ug/l	99
16) Acetone	4.442	43	88715	103.186	ug/l	# 88
17) Carbon Disulfide	4.718	76	78928	19.099	ug/l	97
18) Methyl Acetate	5.036	43	47501	21.169	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	120412	21.376	ug/l	100
20) Methylene Chloride	5.277	84	41008	22.826	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	35767	19.737	ug/l	94
22) Diisopropyl ether	6.677	45	101160	21.552	ug/l	95
23) Vinyl Acetate	6.612	43	347370	93.023	ug/l	99
24) 1,1-Dichloroethane	6.577	63	64634	21.453	ug/l	97
25) 2-Butanone	7.489	43	118747	98.929	ug/l	98
26) 2,2-Dichloropropane	7.494	77	53082	18.957	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	44827	21.876	ug/l	92
28) Bromochloromethane	7.818	49	26154	21.386	ug/l	83
29) Tetrahydrofuran	7.847	42	71361	97.739	ug/l	96
30) Chloroform	7.977	83	72371	20.917	ug/l	95
31) Cyclohexane	8.259	56	54103	18.475	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	63578	20.238	ug/l	99
36) 1,1-Dichloropropene	8.377	75	49015	21.015	ug/l	96
37) Ethyl Acetate	7.565	43	46499	22.141	ug/l	99
38) Carbon Tetrachloride	8.371	117	55357	21.606	ug/l	99
39) Methylcyclohexane	9.606	83	64330	22.038	ug/l	94
40) Benzene	8.606	78	155389	21.760	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	23097	21.512	ug/l	98
42) 1,2-Dichloroethane	8.671	62	53802	22.496	ug/l	96
43) Isopropyl Acetate	8.694	43	75529	22.406	ug/l	97
44) Trichloroethene	9.353	130	44183	22.612	ug/l	87
45) 1,2-Dichloropropane	9.624	63	36847	21.653	ug/l	90
46) Dibromomethane	9.712	93	29099	22.607	ug/l #	87
47) Bromodichloromethane	9.888	83	56449	22.647	ug/l #	99
48) Methyl methacrylate	9.688	41	34659	22.236	ug/l	96
49) 1,4-Dioxane	9.700	88	18974	428.693	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	231679	107.908	ug/l	98
52) Toluene	10.635	92	104309	22.668	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	56948	22.758	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	61124	22.490	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	41659	22.227	ug/l	99
56) Ethyl methacrylate	10.877	69	59465	23.494	ug/l	98
57) 1,3-Dichloropropane	11.165	76	68507	22.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	86534	94.795	ug/l	97
59) 2-Hexanone	11.200	43	177530	110.117	ug/l	98
60) Dibromochloromethane	11.365	129	47312	24.593	ug/l	100
61) 1,2-Dibromoethane	11.471	107	44419	22.834	ug/l	100
64) Tetrachloroethene	11.106	164	38957	20.397	ug/l	91
65) Chlorobenzene	11.894	112	118506	22.944	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	43960	22.804	ug/l	97
67) Ethyl Benzene	11.965	91	199789	22.673	ug/l	96
68) m/p-Xylenes	12.076	106	164865	46.072	ug/l	98
69) o-Xylene	12.400	106	82490	23.201	ug/l	93
70) Styrene	12.412	104	133374	23.780	ug/l	98
71) Bromoform	12.576	173	34749	23.684	ug/l #	100
73) Isopropylbenzene	12.700	105	207228	21.592	ug/l	98
74) N-amyl acetate	12.494	43	64864	21.984	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	63032	21.542	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	47181m	18.996	ug/l	
77) Bromobenzene	12.982	156	52761	22.268	ug/l	83
78) n-propylbenzene	13.041	91	231024	21.570	ug/l	98
79) 2-Chlorotoluene	13.129	91	142191	22.034	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	180545	22.643	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	17397	20.725	ug/l	96
82) 4-Chlorotoluene	13.129	91	142191	22.034	ug/l	97
83) tert-Butylbenzene	13.441	119	156449	21.520	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	184475	23.065	ug/l	99
85) sec-Butylbenzene	13.623	105	218457	22.146	ug/l	98
86) p-Isopropyltoluene	13.735	119	190451	22.948	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	100295	22.341	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	101480	22.253	ug/l	98
89) n-Butylbenzene	14.059	91	148179	21.139	ug/l	98
90) Hexachloroethane	14.335	117	30745	21.474	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	99298	22.692	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11743	21.187	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	52741	23.519	ug/l	96
94) Hexachlorobutadiene	15.506	225	27461	23.510	ug/l	97
95) Naphthalene	15.647	128	151277	21.443	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	49844	22.615	ug/l	98

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

