

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075642.D
 Acq On : 08 Dec 2022 12:56
 Operator : JC\MD
 Sample : VN1208WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 02:05:43 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	180563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	46702	48.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.360%			
35) Dibromofluoromethane	8.171	113	60685	53.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.040%			
50) Toluene-d8	10.571	98	129054	50.535	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.853	95	99634	52.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	28654	20.753	ug/l	93
3) Chloromethane	2.371	50	33599	19.557	ug/l #	88
4) Vinyl Chloride	2.524	62	41829	19.319	ug/l	100
5) Bromomethane	2.942	94	36350	19.091	ug/l	95
6) Chloroethane	3.118	64	32217	19.637	ug/l #	89
7) Trichlorofluoromethane	3.500	101	60378	19.520	ug/l	95
8) Diethyl Ether	3.965	74	23517	21.692	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	35666	20.887	ug/l	90
10) Methyl Iodide	4.595	142	58923	21.295	ug/l	97
11) Tert butyl alcohol	5.536	59	33739	82.922	ug/l	99
12) 1,1-Dichloroethene	4.347	96	33946	20.301	ug/l	93
13) Acrolein	4.195	56	27483	77.536	ug/l	100
14) Allyl chloride	5.036	41	39447	18.238	ug/l	93
15) Acrylonitrile	5.730	53	86982	93.180	ug/l	97
16) Acetone	4.442	43	79996	88.485	ug/l	90
17) Carbon Disulfide	4.724	76	83708	19.263	ug/l	98
18) Methyl Acetate	5.036	43	48045	20.311	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	118784	20.053	ug/l	94
20) Methylene Chloride	5.289	84	40499	21.358	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	36960	19.395	ug/l	91
22) Diisopropyl ether	6.683	45	100708	20.404	ug/l	93
23) Vinyl Acetate	6.612	43	344565	87.750	ug/l	97
24) 1,1-Dichloroethane	6.577	63	64803	20.455	ug/l	95
25) 2-Butanone	7.488	43	110751	87.746	ug/l	96
26) 2,2-Dichloropropane	7.494	77	55684	18.912	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	46664	21.656	ug/l	89
28) Bromochloromethane	7.818	49	25103	19.520	ug/l #	81
29) Tetrahydrofuran	7.847	42	66635	86.793	ug/l	93
30) Chloroform	7.971	83	72618	19.960	ug/l	94
31) Cyclohexane	8.265	56	56737	18.425	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	66279	20.064	ug/l	97
36) 1,1-Dichloropropene	8.377	75	51753	20.930	ug/l	96
37) Ethyl Acetate	7.565	43	43917	19.725	ug/l	97
38) Carbon Tetrachloride	8.365	117	59310	21.835	ug/l	97
39) Methylcyclohexane	9.606	83	64512	20.846	ug/l	98
40) Benzene	8.612	78	161972	21.395	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	24091	21.164	ug/l	98
42) 1,2-Dichloroethane	8.677	62	54196	21.375	ug/l	97
43) Isopropyl Acetate	8.694	43	75793	21.208	ug/l	98
44) Trichloroethene	9.359	130	44658	21.558	ug/l	96
45) 1,2-Dichloropropane	9.624	63	37786	20.944	ug/l	95
46) Dibromomethane	9.712	93	29104	21.328	ug/l #	88
47) Bromodichloromethane	9.888	83	55731	21.090	ug/l	100
48) Methyl methacrylate	9.682	41	33945	20.542	ug/l	97
49) 1,4-Dioxane	9.700	88	17928	382.070	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	225478	99.059	ug/l	98
52) Toluene	10.629	92	106162	21.761	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	58400	22.013	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	63064	21.887	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	42747	21.513	ug/l	96
56) Ethyl methacrylate	10.876	69	58710	21.879	ug/l	96
57) 1,3-Dichloropropane	11.165	76	69973	21.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	78709	81.329	ug/l	95
59) 2-Hexanone	11.200	43	168172	98.392	ug/l	96
60) Dibromochloromethane	11.359	129	48009	23.539	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44380	21.519	ug/l	99
64) Tetrachloroethene	11.106	164	39292	19.554	ug/l	96
65) Chlorobenzene	11.894	112	118573	21.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	45618	22.493	ug/l	97
67) Ethyl Benzene	11.965	91	202279	21.819	ug/l	99
68) m/p-Xylenes	12.070	106	166358	44.189	ug/l	99
69) o-Xylene	12.400	106	84594	22.616	ug/l	91
70) Styrene	12.418	104	131784	22.334	ug/l	99
71) Bromoform	12.582	173	35059	22.713	ug/l #	99
73) Isopropylbenzene	12.700	105	210371	21.130	ug/l	99
74) N-amyl acetate	12.500	43	63896	20.876	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	61474	20.253	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	46770m	18.152	ug/l	
77) Bromobenzene	12.982	156	54137	22.026	ug/l	81
78) n-propylbenzene	13.041	91	234222	21.080	ug/l	98
79) 2-Chlorotoluene	13.129	91	141346	21.114	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	182422	22.054	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	18500	21.244	ug/l	90
82) 4-Chlorotoluene	13.129	91	141346	21.114	ug/l	95
83) tert-Butylbenzene	13.441	119	167874	22.259	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	181891	21.923	ug/l	99
85) sec-Butylbenzene	13.617	105	222916	21.784	ug/l	98
86) p-Isopropyltoluene	13.735	119	190556	22.133	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	98684	21.190	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	99105	20.950	ug/l	98
89) n-Butylbenzene	14.059	91	149816	20.603	ug/l	99
90) Hexachloroethane	14.341	117	32293	21.742	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	98268	21.648	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11024	19.173	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	50869	21.867	ug/l	97
94) Hexachlorobutadiene	15.506	225	27872	23.002	ug/l	99
95) Naphthalene	15.647	128	148091	20.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	49137	21.491	ug/l	98

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

