

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072436.D
 Acq On : 12 May 2022 00:07
 Operator : JC\MD
 Sample : VN0511WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBSD02

Quant Time: May 12 02:18:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	186834	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	301347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	270905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	116835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	153351	53.588	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.180%			
35) Dibromofluoromethane	8.022	113	106976	53.359	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.720%			
50) Toluene-d8	10.439	98	399242	52.288	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.580%			
62) 4-Bromofluorobenzene	12.727	95	133564	52.672	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	46572	19.987	ug/l	97
3) Chloromethane	2.299	50	42448	18.640	ug/l	99
4) Vinyl Chloride	2.440	62	33321	16.794	ug/l	100
5) Bromomethane	2.840	94	23411	19.819	ug/l	96
6) Chloroethane	3.010	64	23404	21.694	ug/l	97
7) Trichlorofluoromethane	3.369	101	79153	21.525	ug/l	97
8) Diethyl Ether	3.822	74	25752	19.412	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	39737	19.804	ug/l	97
10) Methyl Iodide	4.422	142	51133	19.224	ug/l	# 84
11) Tert butyl alcohol	5.369	59	48623	103.913	ug/l	99
12) 1,1-Dichloroethene	4.181	96	35773	19.027	ug/l	94
13) Acrolein	4.046	56	40247	87.912	ug/l	98
14) Allyl chloride	4.840	41	64630	18.463	ug/l	93
15) Acrylonitrile	5.551	53	117941	92.757	ug/l	97
16) Acetone	4.287	43	111846	98.689	ug/l	92
17) Carbon Disulfide	4.528	76	89481	18.351	ug/l	96
18) Methyl Acetate	4.857	43	61831	18.530	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	141374	20.808	ug/l	91
20) Methylene Chloride	5.098	84	41727	17.957	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	38203	19.422	ug/l	# 91
22) Diisopropyl ether	6.487	45	135339	19.027	ug/l	95
23) Vinyl Acetate	6.428	43	577534	97.035	ug/l	96
24) 1,1-Dichloroethane	6.387	63	76347	19.020	ug/l	99
25) 2-Butanone	7.328	43	165787	92.688	ug/l	# 86
26) 2,2-Dichloropropane	7.316	77	59397	17.609	ug/l	96
27) cis-1,2-Dichloroethene	7.328	96	46085	19.488	ug/l	94
28) Bromochloromethane	7.651	49	31114	18.256	ug/l	88
29) Tetrahydrofuran	7.681	42	110285	94.872	ug/l	93
30) Chloroform	7.816	83	84536	20.701	ug/l	97
31) Cyclohexane	8.092	56	69423	18.308	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	79340	21.183	ug/l	98
36) 1,1-Dichloropropene	8.222	75	57253	19.883	ug/l	99
37) Ethyl Acetate	7.410	43	70778	20.487	ug/l	95
38) Carbon Tetrachloride	8.204	117	70006	21.722	ug/l	97
39) Methylcyclohexane	9.457	83	63787	19.710	ug/l	93
40) Benzene	8.457	78	170615	19.834	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	39272	22.957	ug/l #	77
42) 1,2-Dichloroethane	8.528	62	74487	21.544	ug/l	95
43) Isopropyl Acetate	8.563	43	107804	20.315	ug/l	95
44) Trichloroethene	9.216	130	43734	20.027	ug/l	89
45) 1,2-Dichloropropane	9.486	63	43887	19.978	ug/l	94
46) Dibromomethane	9.575	93	31158	20.370	ug/l	95
47) Bromodichloromethane	9.757	83	66994	21.484	ug/l	99
48) Methyl methacrylate	9.557	41	47231	19.077	ug/l #	88
49) 1,4-Dioxane	9.569	88	18599	440.377	ug/l #	93
51) 4-Methyl-2-Pentanone	10.328	43	333801	101.301	ug/l	95
52) Toluene	10.498	92	110277	20.791	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	66116	20.829	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	70484	20.813	ug/l	92
55) 1,1,2-Trichloroethane	10.898	97	45441	20.565	ug/l	92
56) Ethyl methacrylate	10.757	69	68118	21.509	ug/l #	87
57) 1,3-Dichloropropane	11.039	76	77301	20.544	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	92606	118.010	ug/l	99
59) 2-Hexanone	11.080	43	244331	105.748	ug/l	90
60) Dibromochloromethane	11.233	129	49994	21.299	ug/l	99
61) 1,2-Dibromoethane	11.339	107	46127	20.947	ug/l	98
64) Tetrachloroethene	10.975	164	38949	19.974	ug/l	93
65) Chlorobenzene	11.769	112	114966	20.771	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	46189	20.850	ug/l	97
67) Ethyl Benzene	11.839	91	204933	21.460	ug/l	97
68) m/p-Xylenes	11.951	106	155245	42.863	ug/l	92
69) o-Xylene	12.275	106	75383	21.183	ug/l	90
70) Styrene	12.292	104	123737	22.729	ug/l	98
71) Bromoform	12.451	173	36224	22.167	ug/l #	99
73) Isopropylbenzene	12.575	105	200240	20.688	ug/l	98
74) N-amyl acetate	12.386	43	68855	20.126	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	65990	18.780	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	59191m	19.424	ug/l	
77) Bromobenzene	12.857	156	47612	20.561	ug/l	96
78) n-propylbenzene	12.916	91	215367	20.794	ug/l	99
79) 2-Chlorotoluene	13.004	91	141994	20.869	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	169802	21.421	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.622	75	17792	19.478	ug/l	88
82) 4-Chlorotoluene	13.104	91	131309	20.364	ug/l	98
83) tert-Butylbenzene	13.322	119	147870	21.308	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	167661	21.742	ug/l	95
85) sec-Butylbenzene	13.498	105	194840	21.052	ug/l	98
86) p-Isopropyltoluene	13.610	119	157080	21.789	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	81532	20.416	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	80321	20.217	ug/l	98
89) n-Butylbenzene	13.939	91	112485	20.412	ug/l	97
90) Hexachloroethane	14.204	117	30347	21.065	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	83374	20.903	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.598	75	13294	21.757	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	33248	22.005	ug/l	97
94) Hexachlorobutadiene	15.363	225	21046	21.038	ug/l	97
95) Naphthalene	15.504	128	98581	19.709	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	34999	23.115	ug/l	98

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

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