

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070822.D
 Acq On : 28 Jan 2022 12:22
 Operator : JC/MD
 Sample : VN0128WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 28 23:15:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	581685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	933288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	860448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	384661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	430095	51.592	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.180%			
35) Dibromofluoromethane	8.021	113	292215	50.476	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.960%			
50) Toluene-d8	10.440	98	1170089	47.977	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.960%			
62) 4-Bromofluorobenzene	12.731	95	436810	50.262	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	116443	17.324	ug/l	100
3) Chloromethane	2.306	50	179945	18.315	ug/l	96
4) Vinyl Chloride	2.451	62	195700	20.942	ug/l	98
5) Bromomethane	2.875	94	120773	24.815	ug/l	100
6) Chloroethane	3.030	64	122928	21.080	ug/l	97
7) Trichlorofluoromethane	3.384	101	252436	23.647	ug/l	94
8) Diethyl Ether	3.832	74	80553	17.274	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	112484	17.434	ug/l	96
10) Methyl Iodide	4.427	142	130906	15.734	ug/l	96
11) Tert butyl alcohol	5.374	59	125395	83.374	ug/l	98
12) 1,1-Dichloroethene	4.186	96	105466	16.389	ug/l	91
13) Acrolein	4.041	56	220565	102.254	ug/l	97
14) Allyl chloride	4.843	41	238474	17.008	ug/l	87
15) Acrylonitrile	5.556	53	399179	83.431	ug/l	98
16) Acetone	4.288	43	468881	81.036	ug/l	100
17) Carbon Disulfide	4.535	76	285501	16.336	ug/l	99
18) Methyl Acetate	4.859	43	187150	16.447	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	437265	19.021	ug/l	94
20) Methylene Chloride	5.098	84	133036	17.455	ug/l	88
21) trans-1,2-Dichloroethene	5.602	96	115193	17.786	ug/l #	83
22) Diisopropyl ether	6.498	45	502108	18.067	ug/l	94
23) Vinyl Acetate	6.434	43	2111882	89.646	ug/l	96
24) 1,1-Dichloroethane	6.388	63	250122	17.992	ug/l	98
25) 2-Butanone	7.337	43	591923	81.298	ug/l	92
26) 2,2-Dichloropropane	7.324	77	209111	19.620	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	138777	18.038	ug/l	85
28) Bromochloromethane	7.659	49	116264	18.628	ug/l #	79
29) Tetrahydrofuran	7.686	42	376548	84.463	ug/l	90
30) Chloroform	7.817	83	256146	18.551	ug/l	99
31) Cyclohexane	8.094	56	243632	16.597	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	216389	20.054	ug/l	98
36) 1,1-Dichloropropene	8.222	75	186172	19.102	ug/l	95
37) Ethyl Acetate	7.415	43	220198	17.018	ug/l	98
38) Carbon Tetrachloride	8.206	117	182269	21.023	ug/l	98
39) Methylcyclohexane	9.459	83	214817	17.854	ug/l	88
40) Benzene	8.458	78	555584	18.398	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	111890	16.997	ug/l	92
42) 1,2-Dichloroethane	8.531	62	218337	20.851	ug/l	97
43) Isopropyl Acetate	8.560	43	366180	18.529	ug/l	95
44) Trichloroethene	9.215	130	129177	18.869	ug/l	87
45) 1,2-Dichloropropane	9.488	63	151898	18.487	ug/l	100
46) Dibromomethane	9.577	93	95067	19.899	ug/l	94
47) Bromodichloromethane	9.759	83	197606	20.234	ug/l	98
48) Methyl methacrylate	9.558	41	163729	17.390	ug/l #	85
49) 1,4-Dioxane	9.569	88	46578	329.351	ug/l #	80
51) 4-Methyl-2-Pentanone	10.330	43	1145812	90.861	ug/l	98
52) Toluene	10.505	92	348598	19.298	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	213254	19.545	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	228519	19.512	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	136236	19.198	ug/l	97
56) Ethyl methacrylate	10.760	69	224478	18.169	ug/l	90
57) 1,3-Dichloropropane	11.044	76	246295	19.606	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	195413	73.464	ug/l	90
59) 2-Hexanone	11.084	43	822971	89.833	ug/l	96
60) Dibromochloromethane	11.237	129	138373	20.905	ug/l	98
61) 1,2-Dibromoethane	11.344	107	137814	19.343	ug/l	99
64) Tetrachloroethene	10.977	164	119306	18.911	ug/l	95
65) Chlorobenzene	11.768	112	359661	19.292	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	132356	20.617	ug/l	99
67) Ethyl Benzene	11.843	91	672516	19.457	ug/l	95
68) m/p-Xylenes	11.953	106	490746	39.029	ug/l	89
69) o-Xylene	12.278	106	241654	19.366	ug/l	90
70) Styrene	12.294	104	397404	19.908	ug/l	95
71) Bromoform	12.455	173	101431	20.917	ug/l #	99
73) Isopropylbenzene	12.578	105	642757	17.663	ug/l	98
74) N-amyl acetate	12.390	43	234705	15.774	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	214853	17.482	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	196440m	19.255	ug/l	
77) Bromobenzene	12.860	156	148616	18.215	ug/l	77
78) n-propylbenzene	12.919	91	756372	18.585	ug/l	95
79) 2-Chlorotoluene	13.007	91	460028	17.869	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	544826	18.514	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.624	75	57595	16.818	ug/l	99
82) 4-Chlorotoluene	13.104	91	452027	18.792	ug/l	91
83) tert-Butylbenzene	13.323	119	458119	17.883	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	531465	18.788	ug/l	95
85) sec-Butylbenzene	13.501	105	644616	18.510	ug/l	97
86) p-Isopropyltoluene	13.616	119	521086	19.047	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	260757	19.212	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	254664	18.854	ug/l	96
89) n-Butylbenzene	13.943	91	421644	18.682	ug/l	96
90) Hexachloroethane	14.209	117	89786	18.775	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	249543	18.609	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	38173	18.311	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	121078	19.295	ug/l	98
94) Hexachlorobutadiene	15.367	225	83078	20.918	ug/l	99
95) Naphthalene	15.507	128	282748	17.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	115164	19.078	ug/l	97

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

