

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066330.D
 Acq On : 25 Mar 2021 14:17
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

SAM
 3/29/2021 5:12:06 PM

Quant Time: Mar 26 05:31:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 05:30:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.582	168	499144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.513	114	763384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	657054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	247202	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range 61 - 141	Recovery	=	0.00%#	
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range 69 - 133	Recovery	=	0.00%#	
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range 65 - 126	Recovery	=	0.00%#	
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range 58 - 135	Recovery	=	0.00%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.818	85	6347	1.02	ug/l	99
3) Chloromethane	2.014	50	9872	0.93	ug/l	100
4) Vinyl Chloride	2.143	62	7881	0.91	ug/l	98
6) Chloroethane	2.655	64	5102	1.06	ug/l #	85
7) Trichlorofluoromethane	2.964	101	10048	1.04	ug/l	99
8) Diethyl Ether	3.342	74	4698	1.20	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.682	101	5859	1.24	ug/l	93
12) 1,1-Dichloroethene	3.661	96	6220	1.21	ug/l	94
14) Allyl chloride	4.227	41	11813	0.79	ug/l #	91
15) Acrylonitrile	4.886	53	15057	3.48	ug/l	99
16) Acetone	3.739	43	20413	4.44	ug/l	90
17) Carbon Disulfide	3.967	76	19346	1.21	ug/l	100
18) Methyl Acetate	4.240	43	9955	0.88	ug/l #	84
19) Methyl tert-butyl Ether	4.946	73	19086m	0.88	ug/l	
20) Methylene Chloride	4.455	84	9329	1.34	ug/l	88
21) trans-1,2-Dichloroethene	4.927	96	6132	1.06	ug/l	87
22) Diisopropyl ether	5.857	45	18985	0.66	ug/l #	84
23) Vinyl Acetate	5.798	43	75796m	3.07	ug/l	
24) 1,1-Dichloroethane	5.747	63	10799	0.80	ug/l #	89
25) 2-Butanone	6.748	43	20223m	2.98	ug/l	
26) 2,2-Dichloropropane	6.724	77	9503	0.85	ug/l #	68
27) cis-1,2-Dichloroethene	6.726	96	6985m	0.99	ug/l	
28) Bromochloromethane	7.099	49	4990	0.65	ug/l #	99
29) Tetrahydrofuran	7.129	42	12740	2.72	ug/l	95
30) Chloroform	7.287	83	10499	0.86	ug/l	90
32) 1,1,1-Trichloroethane	7.488	97	8748	0.85	ug/l #	52
36) 1,1-Dichloropropene	7.703	75	7836	0.93	ug/l #	88
37) Ethyl Acetate	6.842	43	8122	0.66	ug/l #	95
38) Carbon Tetrachloride	7.684	117	7769m	1.04	ug/l	
39) Methylcyclohexane	9.014	83	9169	1.00	ug/l	97
40) Benzene	7.963	78	23078	0.94	ug/l	99
41) Methacrylonitrile	7.083	41	4631m	0.78	ug/l	
42) 1,2-Dichloroethane	8.043	62	8425	0.86	ug/l	99
43) Isopropyl Acetate	8.091	43	13813	0.69	ug/l	97
44) Trichloroethene	8.759	130	6093	1.03	ug/l	97
45) 1,2-Dichloropropane	9.046	63	6264	0.86	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.137	93	3855	0.94	ug/l	97
47) Bromodichloromethane	9.336	83	8110	0.91	ug/l	88
48) Methyl methacrylate	9.135	41	6685	0.68	ug/l	91
49) 1,4-Dioxane	9.135	88	1874m	19.87	ug/l	
51) 4-Methyl-2-Pentanone	9.921	43	40185	3.30	ug/l	99
52) Toluene	10.092	92	13318	0.91	ug/l	100
53) t-1,3-Dichloropropene	10.323	75	8484	0.81	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	9471	0.84	ug/l	93
55) 1,1,2-Trichloroethane	10.503	97	5565	0.97	ug/l	93
56) Ethyl methacrylate	10.368	69	8064	0.82	ug/l	99
57) 1,3-Dichloropropane	10.645	76	9143	0.84	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.634	63	2666	0.87	ug/l	93
59) 2-Hexanone	10.696	43	23571	2.71	ug/l	100
60) Dibromochloromethane	10.846	129	5522	0.90	ug/l	100
61) 1,2-Dibromoethane	10.948	107	5772	0.98	ug/l	99
64) Tetrachloroethene	10.570	164	6614	1.22	ug/l	86
65) Chlorobenzene	11.374	112	13471	0.98	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.447	131	4985	0.98	ug/l #	53
67) Ethyl Benzene	11.455	91	24046	0.94	ug/l	98
68) m/p-Xylenes	11.565	106	17898	1.93	ug/l	93
69) o-Xylene	11.889	106	9035	1.01	ug/l	96
70) Styrene	11.908	104	12741	0.87	ug/l	92
71) Bromoform	12.069	173	3778	0.96	ug/l #	93
73) Isopropylbenzene	12.192	105	21397	1.12	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.450	83	6961	1.03	ug/l	96
76) 1,2,3-Trichloropropane	12.501	75	6432m	0.90	ug/l	
77) Bromobenzene	12.471	156	5428	1.21	ug/l	88
78) n-propylbenzene	12.538	91	21697	0.96	ug/l	99
79) 2-Chlorotoluene	12.616	91	14825	1.09	ug/l	93
80) 1,3,5-Trimethylbenzene	12.680	105	17113	1.06	ug/l	98
82) 4-Chlorotoluene	12.721	91	13563	0.98	ug/l	95
83) tert-Butylbenzene	12.940	119	15294	1.12	ug/l	95
84) 1,2,4-Trimethylbenzene	12.986	105	16567	1.05	ug/l	97
85) sec-Butylbenzene	13.117	105	18086	1.00	ug/l	94
86) p-Isopropyltoluene	13.235	119	16131	1.01	ug/l	97
87) 1,3-Dichlorobenzene	13.230	146	8683	1.07	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	9749m	1.19	ug/l	
89) n-Butylbenzene	13.565	91	11967	0.83	ug/l	96
90) Hexachloroethane	13.812	117	3198	1.26	ug/l	79
91) 1,2-Dichlorobenzene	13.606	146	8685	1.08	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.222	75	1297m	0.77	ug/l	
93) 1,2,4-Trichlorobenzene	14.858	180	5399	1.19	ug/l	93
94) Hexachlorobutadiene	14.952	225	3223	1.37	ug/l	91
95) Naphthalene	15.075	128	19192	1.30	ug/l	98
96) 1,2,3-Trichlorobenzene	15.252	180	5920	1.23	ug/l	97

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

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