

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065896.D
 Acq On : 17 Feb 2021 13:09
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

SAM
 2/18/2021 10:18:37 AM

Quant Time: Feb 17 15:00:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 14:59:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.624	168	167704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	289814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	257912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	92237	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	1.846	85	2452	1.14	ug/l	99
3) Chloromethane	2.052	50	2757	1.03	ug/l #	84
4) Vinyl Chloride	2.177	62	2673	1.03	ug/l	95
6) Chloroethane	2.685	64	1468	0.98	ug/l #	87
7) Trichlorofluoromethane	3.000	101	3564	1.06	ug/l	91
8) Diethyl Ether	3.380	74	1253	1.03	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.717	101	1699	0.97	ug/l #	77
12) 1,1-Dichloroethene	3.698	96	1952	1.04	ug/l #	81
14) Allyl chloride	4.277	41	3094	0.98	ug/l #	84
15) Acrylonitrile	4.965	53	3720m	5.40	ug/l	
16) Acetone	3.785	43	5621	6.43	ug/l #	87
17) Carbon Disulfide	4.007	76	5499	1.05	ug/l	98
18) Methyl Acetate	4.293	43	1966	1.02	ug/l #	54
19) Methyl tert-butyl Ether	5.000	73	6162	1.03	ug/l	95
20) Methylene Chloride	4.505	84	2327	1.06	ug/l	88
21) trans-1,2-Dichloroethene	4.988	96	2033m	1.22	ug/l	
22) Diisopropyl ether	5.917	45	6187	0.98	ug/l	93
23) Vinyl Acetate	5.862	43	21556	4.53	ug/l	97
24) 1,1-Dichloroethane	5.795	63	3627	0.99	ug/l #	82
25) 2-Butanone	6.811	43	5432	4.91	ug/l	96
26) 2,2-Dichloropropane	6.785	77	2836m	1.18	ug/l	
27) cis-1,2-Dichloroethene	6.785	96	2027m	1.12	ug/l	
28) Bromochloromethane	7.145	49	1652m	1.18	ug/l	
29) Tetrahydrofuran	7.180	42	3889	4.99	ug/l #	68
30) Chloroform	7.322	83	3632	1.01	ug/l	96
32) 1,1,1-Trichloroethane	7.528	97	2983	0.99	ug/l #	47
36) 1,1-Dichloropropene	7.749	75	2910	1.04	ug/l #	85
37) Ethyl Acetate	6.891	43	2939	1.16	ug/l #	70
38) Carbon Tetrachloride	7.730	117	2732	1.05	ug/l	91
39) Methylcyclohexane	9.048	83	3378	1.06	ug/l	90
40) Benzene	8.000	78	8773	1.01	ug/l	100
41) Methacrylonitrile	7.161	41	1376m	1.36	ug/l	
42) 1,2-Dichloroethane	8.081	62	2709	0.97	ug/l #	74
43) Isopropyl Acetate	8.129	43	3490	0.90	ug/l #	87
44) Trichloroethene	8.794	130	2044	0.98	ug/l	99
45) 1,2-Dichloropropane	9.074	63	2156	0.99	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.177	93	1227	0.94	ug/l	91
47) Bromodichloromethane	9.367	83	2413	0.92	ug/l #	79
48) Methyl methacrylate	9.171	41	1845	0.92	ug/l	90
49) 1,4-Dioxane	9.164	88	549m	18.85	ug/l	
51) 4-Methyl-2-Pentanone	9.952	43	11125	4.69	ug/l	98
52) Toluene	10.122	92	5029	0.96	ug/l	95
53) t-1,3-Dichloropropene	10.354	75	2259	0.83	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	2851	0.90	ug/l	93
55) 1,1,2-Trichloroethane	10.531	97	1768	0.92	ug/l	94
56) Ethyl methacrylate	10.402	69	2290	0.84	ug/l	90
57) 1,3-Dichloropropane	10.675	76	3249	0.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	6106	4.65	ug/l	95
59) 2-Hexanone	10.724	43	7355	4.52	ug/l	95
60) Dibromochloromethane	10.878	129	1632	0.87	ug/l	90
61) 1,2-Dibromoethane	10.974	107	1745	0.91	ug/l	100
64) Tetrachloroethene	10.598	164	2168	1.06	ug/l	94
65) Chlorobenzene	11.405	112	5242	0.99	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.476	131	1601	0.91	ug/l #	62
67) Ethyl Benzene	11.482	91	9357	0.99	ug/l	95
68) m/p-Xylenes	11.592	106	6699	1.92	ug/l	91
69) o-Xylene	11.916	106	3206	0.95	ug/l	95
70) Styrene	11.936	104	4631	0.87	ug/l	94
71) Bromoform	12.097	173	945	0.85	ug/l #	86
73) Isopropylbenzene	12.219	105	8446	1.08	ug/l	95
74) N-amyl acetate	12.042	43	2018	0.85	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.476	83	2427	1.06	ug/l	97
76) 1,2,3-Trichloropropane	12.524	75	2207m	0.80	ug/l	
77) Bromobenzene	12.495	156	1675	0.97	ug/l	57
78) n-propylbenzene	12.563	91	9315	1.07	ug/l	96
79) 2-Chlorotoluene	12.643	91	6218	1.12	ug/l	89
80) 1,3,5-Trimethylbenzene	12.701	105	6924	1.07	ug/l	98
82) 4-Chlorotoluene	12.746	91	5728	1.05	ug/l	93
83) tert-Butylbenzene	12.961	119	5605	1.05	ug/l	94
84) 1,2,4-Trimethylbenzene	13.013	105	6730	1.04	ug/l	99
85) sec-Butylbenzene	13.142	105	7193	1.05	ug/l	96
86) p-Isopropyltoluene	13.260	119	6344	1.02	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	2925	0.98	ug/l	96
88) 1,4-Dichlorobenzene	13.331	146	3204m	1.06	ug/l	
89) n-Butylbenzene	13.588	91	5072	1.00	ug/l	86
90) Hexachloroethane	13.846	117	1093	1.05	ug/l	72
91) 1,2-Dichlorobenzene	13.624	146	3129	1.03	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.251	75	207	0.63	ug/l #	45
93) 1,2,4-Trichlorobenzene	14.884	180	700	0.67	ug/l #	70
94) Hexachlorobutadiene	14.974	225	726	1.01	ug/l	86
95) Naphthalene	15.106	128	2620	0.75	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.283	180	1003	0.82	ug/l #	74

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

