

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066690.D
 Acq On : 21 Apr 2021 10:06
 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

MMDadoda
 4/22/2021 5:29:04 PM

Quant Time: Apr 21 13:00:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 21 12:58:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	221673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	350285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	306092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	115437	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	1.835	85	2040	0.76	ug/l	92
3) Chloromethane	2.036	50	4173	1.06	ug/l	95
4) Vinyl Chloride	2.165	62	2904	0.84	ug/l #	87
6) Chloroethane	2.667	64	1780	0.86	ug/l	91
7) Trichlorofluoromethane	2.972	101	2966	0.75	ug/l	96
8) Diethyl Ether	3.353	74	1086	0.67	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.697	101	1851	0.79	ug/l #	83
12) 1,1-Dichloroethene	3.675	96	2015	0.87	ug/l	85
14) Allyl chloride	4.244	41	3631	3.70	ug/l #	82
15) Acrylonitrile	4.901	53	4487	3.10	ug/l #	57
16) Acetone	3.750	43	6963	4.80	ug/l	93
17) Carbon Disulfide	3.986	76	7904m	1.02	ug/l	
18) Methyl Acetate	4.254	43	3658m	1.04	ug/l	
19) Methyl tert-butyl Ether	4.952	73	6079	0.75	ug/l	93
20) Methylene Chloride	4.469	84	2878m	0.91	ug/l	
21) trans-1,2-Dichloroethene	4.946	96	2041	0.79	ug/l	93
22) Diisopropyl ether	5.861	45	6450	0.67	ug/l #	85
23) Vinyl Acetate	5.810	43	24753	3.07	ug/l #	90
24) 1,1-Dichloroethane	5.759	63	4090	0.77	ug/l #	82
25) 2-Butanone	6.751	43	6048	3.16	ug/l #	84
26) 2,2-Dichloropropane	6.735	77	3720	0.87	ug/l #	65
27) cis-1,2-Dichloroethene	6.735	96	2391	0.80	ug/l	94
28) Bromochloromethane	7.111	49	1470	0.54	ug/l #	79
29) Tetrahydrofuran	7.132	42	3916	3.04	ug/l #	80
30) Chloroform	7.288	83	3978	0.80	ug/l	89
32) 1,1,1-Trichloroethane	7.489	97	3431	0.83	ug/l #	40
36) 1,1-Dichloropropene	7.714	75	2874	0.81	ug/l	90
37) Ethyl Acetate	6.843	43	3559m	0.91	ug/l	
38) Carbon Tetrachloride	7.693	117	3122	0.94	ug/l #	91
39) Methylcyclohexane	9.018	83	3002	0.74	ug/l #	82
40) Benzene	7.969	78	9162	0.80	ug/l	96
41) Methacrylonitrile	7.113	41	1567m	0.89	ug/l	
42) 1,2-Dichloroethane	8.049	62	2988	0.77	ug/l #	74
43) Isopropyl Acetate	8.090	43	4288	0.65	ug/l #	86
44) Trichloroethene	8.765	130	2273	0.86	ug/l	87
45) 1,2-Dichloropropane	9.055	63	2649	0.84	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.141	93	1289	0.68	ug/l	86
47) Bromodichloromethane	9.339	83	2782	0.72	ug/l #	91
48) Methyl methacrylate	9.141	41	1798	0.61	ug/l #	81
49) 1,4-Dioxane	9.136	88	426	7.17	ug/l #	48
51) 4-Methyl-2-Pentanone	9.921	43	10586	2.77	ug/l	90
52) Toluene	10.090	92	4908	0.73	ug/l	95
53) t-1,3-Dichloropropene	10.324	75	2760	0.66	ug/l	95
54) cis-1,3-Dichloropropene	9.779	75	3289	0.71	ug/l	91
55) 1,1,2-Trichloroethane	10.503	97	2022	0.74	ug/l	96
56) Ethyl methacrylate	10.380	69	1678	0.47	ug/l #	85
57) 1,3-Dichloropropane	10.646	76	3437	0.75	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.634	63	2019	3.60	ug/l #	82
59) 2-Hexanone	10.710	43	3061m	1.31	ug/l	
60) Dibromochloromethane	10.841	129	2179	0.76	ug/l	92
61) 1,2-Dibromoethane	10.946	107	1699	0.63	ug/l	96
64) Tetrachloroethene	10.570	164	1983	0.92	ug/l	90
65) Chlorobenzene	11.375	112	5249	0.78	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.447	131	1948	0.80	ug/l #	62
67) Ethyl Benzene	11.456	91	7932	0.68	ug/l	95
68) m/p-Xylenes	11.568	106	5247	1.24	ug/l	95
69) o-Xylene	11.893	106	2687	0.65	ug/l	96
70) Styrene	11.928	104	2964m	0.46	ug/l	
71) Bromoform	12.078	173	1107	0.61	ug/l #	72
73) Isopropylbenzene	12.201	105	5867	0.67	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.456	83	2431	0.75	ug/l #	89
76) 1,2,3-Trichloropropane	12.504	75	2356m	0.88	ug/l	
77) Bromobenzene	12.493	156	1654m	0.76	ug/l	
78) n-propylbenzene	12.547	91	5559	0.55	ug/l	76
79) 2-Chlorotoluene	12.625	91	2832	0.46	ug/l	81
80) 1,3,5-Trimethylbenzene	12.681	105	4597	0.62	ug/l	99
82) 4-Chlorotoluene	12.754	91	4660m	0.77	ug/l	
83) tert-Butylbenzene	12.941	119	6478m	1.04	ug/l	
84) 1,2,4-Trimethylbenzene	12.992	105	4468	0.64	ug/l	100
85) sec-Butylbenzene	13.118	105	6133	0.73	ug/l	94
86) p-Isopropyltoluene	13.236	119	4515	0.65	ug/l	97
87) 1,3-Dichlorobenzene	13.231	146	2724	0.71	ug/l	93
88) 1,4-Dichlorobenzene	13.309	146	4150m	0.99	ug/l	
89) n-Butylbenzene	13.596	91	4215m	0.74	ug/l	
90) Hexachloroethane	13.816	117	1416	0.92	ug/l	57
91) 1,2-Dichlorobenzene	13.609	146	3121	0.82	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.245	75	468m	0.86	ug/l	
93) 1,2,4-Trichlorobenzene	14.872	180	1600	0.75	ug/l	74
94) Hexachlorobutadiene	14.950	225	1039	0.86	ug/l	94
95) Naphthalene	15.092	128	3408	0.59	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.264	180	1611	0.73	ug/l	84

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

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