

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066697.D
 Acq On : 21 Apr 2021 14:01
 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

MMDadoda
 4/22/2021 5:29:15 PM

Quant Time: Apr 21 14:34:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 21 13:33:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	282868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	460272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	386807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	155914	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	1.838	85	3518	1.11	ug/l	88
3) Chloromethane	2.037	50	6445	1.43	ug/l	97
4) Vinyl Chloride	2.163	62	5156	1.24	ug/l	99
6) Chloroethane	2.667	64	2744	1.16	ug/l	96
7) Trichlorofluoromethane	2.973	101	4765	1.09	ug/l	94
8) Diethyl Ether	3.359	74	1941	1.05	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.697	101	3044	1.11	ug/l #	84
12) 1,1-Dichloroethene	3.678	96	3060	1.10	ug/l	95
14) Allyl chloride	4.241	41	5702	1.06	ug/l	96
15) Acrylonitrile	4.898	53	8057m	1.08	ug/l	
16) Acetone	3.756	43	9953	1.57	ug/l	94
17) Carbon Disulfide	3.984	76	13720	1.56	ug/l	100
18) Methyl Acetate	4.257	43	4801m	1.33	ug/l	
19) Methyl tert-butyl Ether	4.949	73	9351	1.03	ug/l	97
20) Methylene Chloride	4.477	84	5038	1.41	ug/l	94
21) trans-1,2-Dichloroethene	4.952	96	3565	1.17	ug/l	90
22) Diisopropyl ether	5.859	45	10611	0.99	ug/l #	74
23) Vinyl Acetate	5.808	43	41372	0.96	ug/l	95
24) 1,1-Dichloroethane	5.757	63	6422	1.08	ug/l #	92
25) 2-Butanone	6.754	43	9754	1.04	ug/l	92
26) 2,2-Dichloropropane	6.733	77	5324	1.09	ug/l	91
27) cis-1,2-Dichloroethene	6.741	96	3820	1.11	ug/l	90
28) Bromochloromethane	7.114	49	2190	0.78	ug/l #	73
29) Tetrahydrofuran	7.132	42	6214	0.98	ug/l #	72
30) Chloroform	7.288	83	6044	1.08	ug/l	94
32) 1,1,1-Trichloroethane	7.486	97	4867	1.03	ug/l #	48
36) 1,1-Dichloropropene	7.714	75	4903	1.14	ug/l	92
37) Ethyl Acetate	6.845	43	5891m	1.30	ug/l	
38) Carbon Tetrachloride	7.698	117	4628	1.12	ug/l	84
39) Methylcyclohexane	9.012	83	5010	0.99	ug/l	97
40) Benzene	7.967	78	14380	1.04	ug/l	99
41) Methacrylonitrile	7.111	41	2918	1.48	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	4858	1.11	ug/l	82
43) Isopropyl Acetate	8.093	43	6988	0.97	ug/l #	84
44) Trichloroethene	8.766	130	3757	1.13	ug/l	97
45) 1,2-Dichloropropane	9.053	63	3727	0.98	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.144	93	2328	1.05	ug/l	96
47) Bromodichloromethane	9.334	83	4753	1.03	ug/l	89
48) Methyl methacrylate	9.141	41	3130	0.97	ug/l #	83
49) 1,4-Dioxane	9.139	88	791	1.11	ug/l #	37
51) 4-Methyl-2-Pentanone	9.922	43	18517	0.93	ug/l	95
52) Toluene	10.093	92	8096	1.00	ug/l	99
53) t-1,3-Dichloropropene	10.324	75	4712	0.96	ug/l	96
54) cis-1,3-Dichloropropene	9.777	75	5637	1.01	ug/l	99
55) 1,1,2-Trichloroethane	10.504	97	3164	0.98	ug/l	95
56) Ethyl methacrylate	10.375	69	3156	0.75	ug/l #	84
57) 1,3-Dichloropropane	10.646	76	5211	0.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	1936	0.57	ug/l #	79
59) 2-Hexanone	10.708	43	7755m	0.65	ug/l	
60) Dibromochloromethane	10.844	129	3415	0.99	ug/l	95
61) 1,2-Dibromoethane	10.952	107	2870	0.90	ug/l	96
64) Tetrachloroethene	10.571	164	3173	1.19	ug/l	92
65) Chlorobenzene	11.373	112	9102	1.15	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.453	131	3015	1.04	ug/l #	62
67) Ethyl Benzene	11.456	91	13719	1.01	ug/l	97
68) m/p-Xylenes	11.568	106	9719	0.97	ug/l	88
69) o-Xylene	11.898	106	4432	0.90	ug/l	92
70) Styrene	11.920	104	6685m	0.86	ug/l	
71) Bromoform	12.078	173	1766	0.80	ug/l #	91
73) Isopropylbenzene	12.199	105	11233	1.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.453	83	4263	1.13	ug/l #	93
76) 1,2,3-Trichloropropane	12.512	75	3632m	1.11	ug/l	
77) Bromobenzene	12.480	156	3079m	1.07	ug/l	
78) n-propylbenzene	12.545	91	11725	0.95	ug/l	96
79) 2-Chlorotoluene	12.625	91	6289	0.79	ug/l	87
80) 1,3,5-Trimethylbenzene	12.681	105	9220	0.98	ug/l	95
82) 4-Chlorotoluene	12.732	91	6608	0.84	ug/l	73
83) tert-Butylbenzene	12.939	119	8202	0.97	ug/l	90
84) 1,2,4-Trimethylbenzene	12.990	105	9806	1.09	ug/l	97
85) sec-Butylbenzene	13.116	105	10597	1.01	ug/l	100
86) p-Isopropyltoluene	13.239	119	9647	1.05	ug/l	99
87) 1,3-Dichlorobenzene	13.231	146	6161	1.27	ug/l	99
88) 1,4-Dichlorobenzene	13.312	146	9179m	1.80	ug/l	
89) n-Butylbenzene	13.580	91	13022m	1.71	ug/l	
90) Hexachloroethane	13.819	117	2136	1.06	ug/l	96
91) 1,2-Dichlorobenzene	13.609	146	7069	1.44	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.232	75	1422m	2.12	ug/l	
93) 1,2,4-Trichlorobenzene	14.862	180	8993	3.32	ug/l	96
94) Hexachlorobutadiene	14.948	225	2515	1.68	ug/l	96
95) Naphthalene	15.079	128	46361	7.11	ug/l	96
96) 1,2,3-Trichlorobenzene	15.256	180	10789	4.18	ug/l	99

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

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