

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041021\
 Data File : VN066562.D
 Acq On : 9 Apr 2021 18:14
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 10:57:47 AM

Quant Time: Apr 10 05:48:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041021W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 10 05:46:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	126365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	220721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	197657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	76339	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	78 - 117	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	1744	1.16	ug/l	96
3) Chloromethane	2.014	50	3766	1.91	ug/l	89
4) Vinyl Chloride	2.146	62	2444	1.14	ug/l	94
6) Chloroethane	2.655	64	1760	1.26	ug/l	88
7) Trichlorofluoromethane	2.958	101	3193	1.12	ug/l	84
8) Diethyl Ether	3.339	74	1562m	1.88	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.674	101	2110m	1.67	ug/l	
12) 1,1-Dichloroethene	3.653	96	2051	1.64	ug/l	93
14) Allyl chloride	4.213	41	3856m	1.57	ug/l	
15) Acrylonitrile	4.886	53	4508m	5.66	ug/l	
16) Acetone	3.733	43	10514	12.98	ug/l	96
17) Carbon Disulfide	3.959	76	7978	1.95	ug/l #	94
18) Methyl Acetate	4.235	43	5489	2.62	ug/l #	76
19) Methyl tert-butyl Ether	4.937	73	4645	1.08	ug/l	92
20) Methylene Chloride	4.433	84	2286	1.43	ug/l #	65
21) trans-1,2-Dichloroethene	4.921	96	1557	1.12	ug/l #	42
22) Diisopropyl ether	5.852	45	5725	1.19	ug/l #	88
23) Vinyl Acetate	5.793	43	24245m	5.75	ug/l	
24) 1,1-Dichloroethane	5.745	63	3243m	1.22	ug/l	
25) 2-Butanone	6.748	43	7177	6.41	ug/l	95
26) 2,2-Dichloropropane	6.721	77	2698	1.20	ug/l #	73
27) cis-1,2-Dichloroethene	6.724	96	1732m	1.09	ug/l	
28) Bromochloromethane	7.115	49	1896m	1.35	ug/l	
29) Tetrahydrofuran	7.129	42	4368	5.78	ug/l #	78
30) Chloroform	7.287	83	2950	1.10	ug/l	89
32) 1,1,1-Trichloroethane	7.472	97	2475	1.06	ug/l #	52
36) 1,1-Dichloropropene	7.711	75	2607	1.19	ug/l #	71
37) Ethyl Acetate	6.836	43	4064m	1.47	ug/l	
38) Carbon Tetrachloride	7.689	117	2074	0.93	ug/l #	94
39) Methylcyclohexane	9.009	83	2657	1.07	ug/l #	78
40) Benzene	7.965	78	6748	0.99	ug/l	93
41) Methacrylonitrile	7.072	41	1258	0.95	ug/l #	58
42) 1,2-Dichloroethane	8.038	62	3071	1.25	ug/l	88
43) Isopropyl Acetate	8.091	43	5283	1.21	ug/l #	89
44) Trichloroethene	8.765	130	1973	1.16	ug/l	75
45) 1,2-Dichloropropane	9.046	63	1895	1.03	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.132	93	1311m	1.10	ug/l	
47) Bromodichloromethane	9.333	83	2596	1.06	ug/l #	76
48) Methyl methacrylate	9.137	41	2512	1.27	ug/l	95
49) 1,4-Dioxane	9.132	88	705	27.34	ug/l #	64
51) 4-Methyl-2-Pentanone	9.923	43	14444	5.57	ug/l	100
52) Toluene	10.092	92	4544	1.10	ug/l	97
53) t-1,3-Dichloropropene	10.317	75	2785	1.09	ug/l	97
54) cis-1,3-Dichloropropene	9.778	75	2716	0.97	ug/l #	81
55) 1,1,2-Trichloroethane	10.500	97	1788	1.06	ug/l #	89
56) Ethyl methacrylate	10.374	69	2079	0.90	ug/l #	70
57) 1,3-Dichloropropane	10.647	76	2967	1.06	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.631	63	639	2.12	ug/l #	73
59) 2-Hexanone	10.698	43	9308	5.39	ug/l	89
60) Dibromochloromethane	10.838	129	1859	0.99	ug/l	88
61) 1,2-Dibromoethane	10.950	107	1652	0.95	ug/l	97
64) Tetrachloroethene	10.567	164	1919	1.20	ug/l #	86
65) Chlorobenzene	11.374	112	5475	1.33	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.444	131	1684	1.07	ug/l #	62
67) Ethyl Benzene	11.455	91	8585	1.20	ug/l	98
68) m/p-Xylenes	11.562	106	5488	2.05	ug/l	98
69) o-Xylene	11.884	106	2421	0.94	ug/l	92
70) Styrene	11.908	104	4568	1.13	ug/l	99
71) Bromoform	12.071	173	1037	0.82	ug/l #	70
73) Isopropylbenzene	12.195	105	6715	1.20	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.450	83	2558	1.21	ug/l #	87
76) 1,2,3-Trichloropropane	12.503	75	1766m	1.01	ug/l	
77) Bromobenzene	12.468	156	1918	1.31	ug/l	99
78) n-propylbenzene	12.541	91	7842	1.24	ug/l	94
79) 2-Chlorotoluene	12.621	91	4295	1.12	ug/l	98
80) 1,3,5-Trimethylbenzene	12.680	105	5233	1.12	ug/l	97
82) 4-Chlorotoluene	12.729	91	5054	1.33	ug/l	99
83) tert-Butylbenzene	12.938	119	4856	1.16	ug/l	93
84) 1,2,4-Trimethylbenzene	12.989	105	5081	1.12	ug/l	90
85) sec-Butylbenzene	13.115	105	8047	1.53	ug/l	94
86) p-Isopropyltoluene	13.241	119	6072	1.34	ug/l	97
87) 1,3-Dichlorobenzene	13.230	146	4004	1.58	ug/l	96
88) 1,4-Dichlorobenzene	13.311	146	4220	1.58	ug/l	70
89) n-Butylbenzene	13.568	91	8576	2.09	ug/l #	67
90) Hexachloroethane	13.815	117	1343	1.41	ug/l	67
91) 1,2-Dichlorobenzene	13.606	146	4259	1.70	ug/l	82
92) 1,2-Dibromo-3-Chloropr...	14.236	75	654m	1.32	ug/l	
93) 1,2,4-Trichlorobenzene	14.984	180	3622m	2.13	ug/l	
94) Hexachlorobutadiene	15.105	225	2275	2.67	ug/l	91
95) Naphthalene	15.271	128	8615	1.39	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.512	180	3739	2.07	ug/l	89

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

