

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066605.D
 Acq On : 15 Apr 2021 10:55
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:10:24 PM

Quant Time: Apr 15 12:27:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 12:24:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	196673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	326902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	318869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	142284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	30298	10.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	21.04%#		
35) Dibromofluoromethane	7.508	113	21826	9.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	19.66%#		
50) Toluene-d8	10.029	98	87064	10.13	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	20.26%#		
62) 4-Bromofluorobenzene	12.349	95	29705	9.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	18.98%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.830	85	22582	8.93	ug/l	100
3) Chloromethane	2.031	50	33972	9.86	ug/l	99
4) Vinyl Chloride	2.160	62	29412	9.29	ug/l	99
5) Bromomethane	2.482	94	8217	4.49	ug/l	98
6) Chloroethane	2.629	64	18233	8.80	ug/l	99
7) Trichlorofluoromethane	2.954	101	33325	8.26	ug/l	100
8) Diethyl Ether	3.348	74	14099	9.74	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.683	101	20424	9.56	ug/l	96
10) Methyl Iodide	3.874	142	28181	9.52	ug/l	98
11) Tert butyl alcohol	4.716	59	24703	57.75	ug/l #	86
12) 1,1-Dichloroethene	3.659	96	20029	9.64	ug/l	90
13) Acrolein	3.544	56	11864	46.94	ug/l	94
14) Allyl chloride	4.241	41	42624	10.40	ug/l	94
15) Acrylonitrile	4.893	53	65874	52.61	ug/l	98
16) Acetone	3.750	43	58639	52.64	ug/l	96
17) Carbon Disulfide	3.973	76	61743	9.22	ug/l	99
18) Methyl Acetate	4.246	43	31056	10.06	ug/l	91
19) Methyl tert-butyl Ether	4.955	73	69975	9.45	ug/l	94
20) Methylene Chloride	4.461	84	27681	9.71	ug/l	92
21) trans-1,2-Dichloroethene	4.944	96	21943	9.35	ug/l	89
22) Diisopropyl ether	5.861	45	87853	9.67	ug/l	91
23) Vinyl Acetate	5.802	43	357323	49.82	ug/l	95
24) 1,1-Dichloroethane	5.754	63	46231	9.35	ug/l	96
25) 2-Butanone	6.749	43	86251	52.59	ug/l	91
26) 2,2-Dichloropropane	6.733	77	35962	9.02	ug/l	99
27) cis-1,2-Dichloroethene	6.738	96	26079	9.57	ug/l	89
28) Bromochloromethane	7.108	49	24171	10.01	ug/l #	78
29) Tetrahydrofuran	7.127	42	60138	54.88	ug/l	88
30) Chloroform	7.288	83	44288	9.39	ug/l	99
31) Cyclohexane	7.575	56	42079	9.47	ug/l #	91
32) 1,1,1-Trichloroethane	7.489	97	36271	9.25	ug/l	95
36) 1,1-Dichloropropene	7.712	75	31654	9.16	ug/l	98
37) Ethyl Acetate	6.843	43	38982	10.79	ug/l	98
38) Carbon Tetrachloride	7.696	117	29941	8.98	ug/l	97
39) Methylcyclohexane	9.015	83	34975	8.86	ug/l	88
40) Benzene	7.966	78	102933	9.32	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.081	41	16746	9.85	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	36479	9.56	ug/l	98
43) Isopropyl Acetate	8.095	43	61572	9.96	ug/l #	87
44) Trichloroethene	8.768	130	23457	9.25	ug/l	98
45) 1,2-Dichloropropane	9.050	63	29371	9.59	ug/l	97
46) Dibromomethane	9.144	93	17317	9.56	ug/l	95
47) Bromodichloromethane	9.340	83	35567	9.27	ug/l	99
48) Methyl methacrylate	9.136	41	27187	9.70	ug/l	89
49) 1,4-Dioxane	9.138	88	9271	214.14	ug/l #	86
51) 4-Methyl-2-Pentanone	9.922	43	192027	54.96	ug/l	93
52) Toluene	10.093	92	60795	9.43	ug/l	97
53) t-1,3-Dichloropropene	10.324	75	38546	9.46	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	41188	9.25	ug/l #	91
55) 1,1,2-Trichloroethane	10.501	97	26079	9.91	ug/l	98
56) Ethyl methacrylate	10.372	69	32692	9.14	ug/l #	85
57) 1,3-Dichloropropane	10.646	76	42732	9.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	29484	50.66	ug/l	92
59) 2-Hexanone	10.694	43	114296	52.82	ug/l	94
60) Dibromochloromethane	10.841	129	26635	9.66	ug/l	99
61) 1,2-Dibromoethane	10.946	107	25077	9.83	ug/l	99
64) Tetrachloroethene	10.571	164	21675	9.31	ug/l	96
65) Chlorobenzene	11.375	112	66101	9.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	24760	9.31	ug/l	98
67) Ethyl Benzene	11.456	91	115417	9.19	ug/l	97
68) m/p-Xylenes	11.566	106	85104	18.26	ug/l	97
69) o-Xylene	11.893	106	42752	9.43	ug/l	100
70) Styrene	11.912	104	63742	8.67	ug/l	96
71) Bromoform	12.075	173	18889	9.33	ug/l #	99
73) Isopropylbenzene	12.196	105	107933	9.86	ug/l	99
74) N-amyl acetate	12.048	43	3781m	1.02	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.451	83	40784	10.28	ug/l	99
76) 1,2,3-Trichloropropane	12.502	75	34200m	10.05	ug/l	
77) Bromobenzene	12.472	156	27260	9.87	ug/l	91
78) n-propylbenzene	12.536	91	122803	9.85	ug/l	97
79) 2-Chlorotoluene	12.620	91	79582	10.38	ug/l	96
80) 1,3,5-Trimethylbenzene	12.679	105	91950	9.87	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.255	75	7785	7.46	ug/l	86
82) 4-Chlorotoluene	12.719	91	74702	9.79	ug/l	98
83) tert-Butylbenzene	12.939	119	76704	9.94	ug/l	98
84) 1,2,4-Trimethylbenzene	12.987	105	84202	9.65	ug/l	99
85) sec-Butylbenzene	13.116	105	101536	9.77	ug/l	99
86) p-Isopropyltoluene	13.234	119	84052	9.70	ug/l	98
87) 1,3-Dichlorobenzene	13.228	146	45474	9.48	ug/l	99
88) 1,4-Dichlorobenzene	13.309	146	45796	8.87	ug/l	94
89) n-Butylbenzene	13.564	91	67861	8.60	ug/l	96
90) Hexachloroethane	13.816	117	18511	9.60	ug/l	95
91) 1,2-Dichlorobenzene	13.601	146	45298	9.52	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.226	75	6106	10.41	ug/l	87
93) 1,2,4-Trichlorobenzene	14.856	180	24119	9.10	ug/l	96
94) Hexachlorobutadiene	14.948	225	14639	9.70	ug/l	97
95) Naphthalene	15.076	128	65098	10.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.256	180	23928	9.44	ug/l	98

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

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