

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
 Data File : VN067069.D
 Acq On : 10 May 2021 14:08
 Operator : JC/MD
 Sample : VN0510WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 10:37:13 AM

Quant Time: May 11 01:46:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.579	168	328546	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.509	114	537426	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.347	117	495292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	209775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.941	65	257422	49.78	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.56%		
35) Dibromofluoromethane	7.501	113	182629	50.04	ug/l	-0.01
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.08%		
50) Toluene-d8	10.025	98	686039	49.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.72%		
62) 4-Bromofluorobenzene	12.345	95	226274	48.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	79190	17.85	ug/l	97
3) Chloromethane	2.022	50	107600	16.90	ug/l	97
4) Vinyl Chloride	2.150	62	108432	17.74	ug/l	100
5) Bromomethane	2.494	94	60539	18.62	ug/l	93
6) Chloroethane	2.644	64	65988	18.31	ug/l	98
7) Trichlorofluoromethane	2.958	101	137367	18.93	ug/l	93
8) Diethyl Ether	3.341	74	45929	17.62	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.682	101	70835	19.19	ug/l	92
10) Methyl Iodide	3.872	142	78178	16.07	ug/l #	89
11) Tert butyl alcohol	4.685	59	61410	84.11	ug/l #	90
12) 1,1-Dichloroethene	3.660	96	64928	18.07	ug/l	88
13) Acrolein	3.529	56	57512	94.67	ug/l	97
14) Allyl chloride	4.234	41	118451	16.44	ug/l	98
15) Acrylonitrile	4.881	53	184374	85.08	ug/l	99
16) Acetone	3.738	43	169777	93.32	ug/l	96
17) Carbon Disulfide	3.971	76	188034	16.89	ug/l	97
18) Methyl Acetate	4.240	43	99988	19.21	ug/l	97
19) Methyl tert-butyl Ether	4.934	73	227602	17.68	ug/l	96
20) Methylene Chloride	4.454	84	83801	18.16	ug/l	94
21) trans-1,2-Dichloroethene	4.929	96	68398	17.51	ug/l	87
22) Diisopropyl ether	5.843	45	254065	17.43	ug/l #	84
23) Vinyl Acetate	5.793	43	957542	82.05	ug/l	98
24) 1,1-Dichloroethane	5.739	63	152463	18.09	ug/l	97
25) 2-Butanone	6.737	43	221861	82.71	ug/l	96
26) 2,2-Dichloropropane	6.718	77	134379	18.99	ug/l	94
27) cis-1,2-Dichloroethene	6.726	96	79534	17.76	ug/l	86
28) Bromochloromethane	7.096	49	65829	16.89	ug/l	85
29) Tetrahydrofuran	7.112	42	148129	83.23	ug/l	95
30) Chloroform	7.276	83	147775	18.37	ug/l	99
31) Cyclohexane	7.568	56	119921	16.48	ug/l #	94
32) 1,1,1-Trichloroethane	7.479	97	131453	18.95	ug/l	98
36) 1,1-Dichloropropene	7.710	75	100268	17.91	ug/l	95
37) Ethyl Acetate	6.830	43	93485	16.39	ug/l #	95
38) Carbon Tetrachloride	7.686	117	109594	18.78	ug/l	97
39) Methylcyclohexane	9.008	83	105830	16.96	ug/l	90
40) Benzene	7.957	78	321608	18.30	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.085	41	43462m	17.73	ug/l	
42) 1,2-Dichloroethane	8.043	62	120058	19.15	ug/l	84
43) Isopropyl Acetate	8.086	43	157060	16.96	ug/l #	90
44) Trichloroethene	8.761	130	71152	18.38	ug/l	97
45) 1,2-Dichloropropane	9.043	63	90637	18.46	ug/l	97
46) Dibromomethane	9.137	93	53263	18.40	ug/l	91
47) Bromodichloromethane	9.333	83	119765	19.13	ug/l	99
48) Methyl methacrylate	9.134	41	66183	16.13	ug/l	96
49) 1,4-Dioxane	9.134	88	21048	323.56	ug/l	91
51) 4-Methyl-2-Pentanone	9.917	43	464833	86.82	ug/l	97
52) Toluene	10.089	92	191520	18.55	ug/l	97
53) t-1,3-Dichloropropene	10.320	75	117294	17.57	ug/l	100
54) cis-1,3-Dichloropropene	9.773	75	130193	17.67	ug/l	96
55) 1,1,2-Trichloroethane	10.497	97	78901	19.26	ug/l	98
56) Ethyl methacrylate	10.368	69	90566	17.77	ug/l	99
57) 1,3-Dichloropropane	10.644	76	131113	18.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.630	63	121189	123.50	ug/l	94
59) 2-Hexanone	10.692	43	237328	82.15	ug/l	96
60) Dibromochloromethane	10.837	129	84816	18.49	ug/l	98
61) 1,2-Dibromoethane	10.945	107	71418	17.89	ug/l	99
64) Tetrachloroethene	10.566	164	61925	18.29	ug/l	95
65) Chlorobenzene	11.374	112	190756	17.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	78497	19.09	ug/l	99
67) Ethyl Benzene	11.451	91	329990	17.67	ug/l	94
68) m/p-Xylenes	11.564	106	244180	35.15	ug/l	93
69) o-Xylene	11.891	106	114259	16.99	ug/l	91
70) Styrene	11.910	104	177638	18.12	ug/l	96
71) Bromoform	12.071	173	53058	17.86	ug/l #	98
73) Isopropylbenzene	12.194	105	307583	18.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.446	83	112429	19.71	ug/l	99
76) 1,2,3-Trichloropropane	12.497	75	95375m	19.09	ug/l	
77) Bromobenzene	12.468	156	75196	19.59	ug/l	84
78) n-propylbenzene	12.535	91	352179	19.06	ug/l	97
79) 2-Chlorotoluene	12.618	91	229175	18.94	ug/l	94
80) 1,3,5-Trimethylbenzene	12.677	105	267561	18.84	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.248	75	21838	17.72	ug/l	98
82) 4-Chlorotoluene	12.717	91	216369	18.58	ug/l	95
83) tert-Butylbenzene	12.935	119	228483	19.18	ug/l	96
84) 1,2,4-Trimethylbenzene	12.986	105	250970	18.52	ug/l	99
85) sec-Butylbenzene	13.114	105	290606	18.78	ug/l	98
86) p-Isopropyltoluene	13.235	119	244085	18.36	ug/l	96
87) 1,3-Dichlorobenzene	13.227	146	122554	18.40	ug/l	97
88) 1,4-Dichlorobenzene	13.307	146	119299	17.81	ug/l	94
89) n-Butylbenzene	13.565	91	181628	18.88	ug/l	97
90) Hexachloroethane	13.814	117	57714	19.29	ug/l	100
91) 1,2-Dichlorobenzene	13.600	146	123617	18.56	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.227	75	15904	15.74	ug/l	83
93) 1,2,4-Trichlorobenzene	14.860	180	54159	15.37	ug/l	96
94) Hexachlorobutadiene	14.949	225	43161	20.01	ug/l	99
95) Naphthalene	15.080	128	124440m	13.51	ug/l	
96) 1,2,3-Trichlorobenzene	15.254	180	57053	16.70	ug/l	96

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

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