

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051021\
 Data File : VN067079.D
 Acq On : 10 May 2021 18:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 10:37:25 AM

Quant Time: May 11 02:41:21 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	7.584	168	334623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	548405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	509689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	236920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	256829	48.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.52%		
35) Dibromofluoromethane	7.504	113	184283	49.49	ug/l	-0.01
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.98%		
50) Toluene-d8	10.027	98	713102	50.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.56%		
62) 4-Bromofluorobenzene	12.345	95	258539	53.84	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.68%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	211025	46.69	ug/l	98
3) Chloromethane	2.022	50	293393	45.24	ug/l	100
4) Vinyl Chloride	2.150	62	291804	46.87	ug/l	99
5) Bromomethane	2.494	94	163753	49.44	ug/l	98
6) Chloroethane	2.644	64	179660	48.95	ug/l	98
7) Trichlorofluoromethane	2.958	101	371486	50.27	ug/l	97
8) Diethyl Ether	3.344	74	129603	48.82	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.685	101	185031	49.23	ug/l	94
10) Methyl Iodide	3.875	142	240232	48.49	ug/l #	89
11) Tert butyl alcohol	4.688	59	180256	242.39	ug/l	100
12) 1,1-Dichloroethene	3.663	96	175868	48.07	ug/l	85
13) Acrolein	3.534	56	175809	284.15	ug/l	98
14) Allyl chloride	4.234	41	327248	44.61	ug/l	99
15) Acrylonitrile	4.878	53	555817	251.84	ug/l	99
16) Acetone	3.736	43	440041	237.49	ug/l	98
17) Carbon Disulfide	3.974	76	524289	46.24	ug/l	96
18) Methyl Acetate	4.234	43	295996	55.84	ug/l	96
19) Methyl tert-butyl Ether	4.937	73	684827	52.22	ug/l	96
20) Methylene Chloride	4.460	84	233786	49.74	ug/l	94
21) trans-1,2-Dichloroethene	4.940	96	199285	50.08	ug/l	87
22) Diisopropyl ether	5.852	45	756109	50.92	ug/l	94
23) Vinyl Acetate	5.793	43	3029501	254.87	ug/l	97
24) 1,1-Dichloroethane	5.744	63	427078	49.76	ug/l	96
25) 2-Butanone	6.734	43	634728	232.34	ug/l	96
26) 2,2-Dichloropropane	6.726	77	353193	49.01	ug/l	95
27) cis-1,2-Dichloroethene	6.734	96	225079	49.36	ug/l	88
28) Bromochloromethane	7.101	49	185192	46.67	ug/l #	82
29) Tetrahydrofuran	7.117	42	428695	236.50	ug/l	97
30) Chloroform	7.284	83	405537	49.50	ug/l	99
31) Cyclohexane	7.571	56	329441	44.46	ug/l	94
32) 1,1,1-Trichloroethane	7.485	97	354624	50.18	ug/l	98
36) 1,1-Dichloropropene	7.710	75	284564	49.82	ug/l	97
37) Ethyl Acetate	6.836	43	281581	48.37	ug/l	99
38) Carbon Tetrachloride	7.694	117	305204	51.25	ug/l	100
39) Methylcyclohexane	9.014	83	312644	49.10	ug/l	94
40) Benzene	7.960	78	889541	49.61	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	134293m	53.69	ug/l	
42) 1,2-Dichloroethane	8.045	62	333618	52.15	ug/l	97
43) Isopropyl Acetate	8.086	43	463322	49.02	ug/l #	90
44) Trichloroethene	8.764	130	196301	49.69	ug/l	92
45) 1,2-Dichloropropane	9.046	63	247673	49.44	ug/l	99
46) Dibromomethane	9.140	93	147972	50.08	ug/l	92
47) Bromodichloromethane	9.333	83	331343	51.88	ug/l	98
48) Methyl methacrylate	9.132	41	207537	49.56	ug/l	97
49) 1,4-Dioxane	9.134	88	62392	939.92	ug/l	87
51) 4-Methyl-2-Pentanone	9.917	43	1401562	256.54	ug/l	98
52) Toluene	10.092	92	536168	50.88	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	346115	50.81	ug/l	97
54) cis-1,3-Dichloropropene	9.773	75	383911	51.06	ug/l	97
55) 1,1,2-Trichloroethane	10.499	97	217146	51.94	ug/l	97
56) Ethyl methacrylate	10.368	69	299568	45.98	ug/l	98
57) 1,3-Dichloropropane	10.644	76	372419	50.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.630	63	398858	398.34	ug/l	93
59) 2-Hexanone	10.693	43	851948	217.59	ug/l	99
60) Dibromochloromethane	10.840	129	243432	51.99	ug/l	100
61) 1,2-Dibromoethane	10.945	107	207778	51.01	ug/l	100
64) Tetrachloroethene	10.572	164	167897	48.20	ug/l	96
65) Chlorobenzene	11.374	112	550482	50.46	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	223361	52.79	ug/l	97
67) Ethyl Benzene	11.452	91	1012979	52.72	ug/l	97
68) m/p-Xylenes	11.564	106	764160	106.88	ug/l	94
69) o-Xylene	11.891	106	359554	51.96	ug/l	94
70) Styrene	11.907	104	587108	47.78	ug/l	96
71) Bromoform	12.071	173	160643	52.54	ug/l #	99
73) Isopropylbenzene	12.192	105	982691	53.47	ug/l	98
74) N-amyl acetate	12.023	43	174990	52.77	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.447	83	320460	49.75	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	306237m	54.26	ug/l	
77) Bromobenzene	12.468	156	222363	51.29	ug/l	83
78) n-propylbenzene	12.535	91	1120242	53.69	ug/l	97
79) 2-Chlorotoluene	12.616	91	687203	50.29	ug/l	95
80) 1,3,5-Trimethylbenzene	12.677	105	856017	53.38	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.245	75	91797	50.88	ug/l	100
82) 4-Chlorotoluene	12.715	91	702507	53.41	ug/l	93
83) tert-Butylbenzene	12.937	119	702158	52.18	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	808379	52.81	ug/l	100
85) sec-Butylbenzene	13.114	105	925091	52.94	ug/l	98
86) p-Isopropyltoluene	13.232	119	803410	53.50	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	384790	51.16	ug/l	97
88) 1,4-Dichlorobenzene	13.307	146	386399	51.09	ug/l	96
89) n-Butylbenzene	13.560	91	637526	47.63	ug/l	98
90) Hexachloroethane	13.814	117	168131	49.75	ug/l	99
91) 1,2-Dichlorobenzene	13.597	146	386539	51.38	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.219	75	51995	45.55	ug/l	82
93) 1,2,4-Trichlorobenzene	14.855	180	192736	48.43	ug/l	100
94) Hexachlorobutadiene	14.949	225	124933	51.28	ug/l	100
95) Naphthalene	15.075	128	476181	45.76	ug/l	100
96) 1,2,3-Trichlorobenzene	15.252	180	178372	46.24	ug/l	95

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

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