

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066775.D
 Acq On : 27 Apr 2021 12:02
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:37 PM

Quant Time: Apr 27 12:46:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 12:43:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	330575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	538386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	489892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	232845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	207506	50.83	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.66%			
35) Dibromofluoromethane	7.513	113	165713	49.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.44%			
50) Toluene-d8	10.029	98	640474	48.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.82%			
62) 4-Bromofluorobenzene	12.343	95	225132	50.40	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.80%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	184967	49.84	ug/l	98
3) Chloromethane	2.034	50	229598	43.90	ug/l	100
4) Vinyl Chloride	2.163	62	235396	50.11	ug/l	100
5) Bromomethane	2.509	94	149855	55.60	ug/l	97
6) Chloroethane	2.656	64	146109	52.48	ug/l	99
7) Trichlorofluoromethane	2.970	101	277555	53.93	ug/l	100
8) Diethyl Ether	3.356	74	116459	53.42	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.694	101	164288	51.32	ug/l	100
10) Methyl Iodide	3.887	142	259774	51.71	ug/l	99
11) Tert butyl alcohol	4.702	59	164959	305.80	ug/l	100
12) 1,1-Dichloroethene	3.673	96	170541	52.67	ug/l	95
13) Acrolein	3.547	56	138667	245.91	ug/l	98
14) Allyl chloride	4.247	41	322809	52.35	ug/l	97
15) Acrylonitrile	4.893	53	479247	273.21	ug/l	100
16) Acetone	3.750	43	390055	254.65	ug/l	97
17) Carbon Disulfide	3.984	76	516303	50.02	ug/l	97
18) Methyl Acetate	4.252	43	215771	51.10	ug/l	97
19) Methyl tert-butyl Ether	4.955	73	590470	55.61	ug/l	97
20) Methylene Chloride	4.469	84	202106	45.00	ug/l	97
21) trans-1,2-Dichloroethene	4.952	96	185957	52.46	ug/l	94
22) Diisopropyl ether	5.864	45	652852	52.31	ug/l	95
23) Vinyl Acetate	5.805	43	2801683	276.64	ug/l	98
24) 1,1-Dichloroethane	5.759	63	355994	51.18	ug/l	98
25) 2-Butanone	6.746	43	606893	277.23	ug/l	95
26) 2,2-Dichloropropane	6.735	77	296681	51.75	ug/l	98
27) cis-1,2-Dichloroethene	6.741	96	215357	52.41	ug/l	95
28) Bromochloromethane	7.111	49	158684	48.88	ug/l	90
29) Tetrahydrofuran	7.127	42	415240	275.65	ug/l	96
30) Chloroform	7.293	83	344692	52.71	ug/l	98
31) Cyclohexane	7.578	56	323552	49.20	ug/l	95
32) 1,1,1-Trichloroethane	7.492	97	293580	53.59	ug/l	98
36) 1,1-Dichloropropene	7.717	75	260832	52.20	ug/l	99
37) Ethyl Acetate	6.840	43	277084	52.39	ug/l	98
38) Carbon Tetrachloride	7.698	117	249103	52.24	ug/l	99
39) Methylcyclohexane	9.015	83	315369	53.23	ug/l	96
40) Benzene	7.966	78	815061	50.96	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.100	41	136400m	58.08	ug/l	
42) 1,2-Dichloroethane	8.052	62	274109	53.04	ug/l	99
43) Isopropyl Acetate	8.092	43	451341	53.59	ug/l #	89
44) Trichloroethene	8.768	130	198738	52.03	ug/l	98
45) 1,2-Dichloropropane	9.053	63	215484	49.67	ug/l	100
46) Dibromomethane	9.141	93	134852	52.87	ug/l	98
47) Bromodichloromethane	9.340	83	279447	52.08	ug/l	98
48) Methyl methacrylate	9.136	41	207385	56.13	ug/l	94
49) 1,4-Dioxane	9.136	88	62445	1336.84	ug/l	95
51) 4-Methyl-2-Pentanone	9.922	43	1299029	276.04	ug/l	97
52) Toluene	10.093	92	497186	52.85	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	311406	54.88	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	341923	53.09	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	192199	51.57	ug/l	97
56) Ethyl methacrylate	10.369	69	288458	59.75	ug/l	94
57) 1,3-Dichloropropane	10.646	76	327973	52.29	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	314743	373.98	ug/l	96
59) 2-Hexanone	10.691	43	865866	315.78	ug/l	98
60) Dibromochloromethane	10.842	129	213144	53.60	ug/l	99
61) 1,2-Dibromoethane	10.946	107	198378	53.99	ug/l	100
64) Tetrachloroethene	10.571	164	164585	48.06	ug/l	99
65) Chlorobenzene	11.375	112	514796	51.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	193572	53.50	ug/l	99
67) Ethyl Benzene	11.453	91	937439	54.80	ug/l	98
68) m/p-Xylenes	11.563	106	701599	110.20	ug/l	97
69) o-Xylene	11.890	106	341638	54.46	ug/l	99
70) Styrene	11.909	104	554974	58.06	ug/l	99
71) Bromoform	12.073	173	152008	55.48	ug/l #	99
73) Isopropylbenzene	12.193	105	906813	54.27	ug/l	100
74) N-amyl acetate	12.019	43	242147	60.02	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.448	83	291853	51.67	ug/l	98
76) 1,2,3-Trichloropropane	12.496	75	271021m	53.92	ug/l	
77) Bromobenzene	12.469	156	221863	51.71	ug/l	94
78) n-propylbenzene	12.534	91	1037005	55.87	ug/l	99
79) 2-Chlorotoluene	12.617	91	613449	53.89	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	759523	53.72	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.244	75	86008	59.53	ug/l	98
82) 4-Chlorotoluene	12.716	91	617347	54.32	ug/l	99
83) tert-Butylbenzene	12.936	119	634909	50.38	ug/l	98
84) 1,2,4-Trimethylbenzene	12.984	105	738529	54.63	ug/l	99
85) sec-Butylbenzene	13.116	105	859607	54.28	ug/l	100
86) p-Isopropyltoluene	13.234	119	753953	57.11	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	380177	52.67	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	372340	48.21	ug/l	97
89) n-Butylbenzene	13.558	91	634338	53.70	ug/l	99
90) Hexachloroethane	13.816	117	144964	49.42	ug/l	93
91) 1,2-Dichlorobenzene	13.596	146	374619	50.80	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.215	75	49056	48.34	ug/l	96
93) 1,2,4-Trichlorobenzene	14.851	180	219457	47.63	ug/l	98
94) Hexachlorobutadiene	14.948	225	111208	48.77	ug/l	99
95) Naphthalene	15.071	128	556545	44.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	203036	44.82	ug/l	98

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

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