

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066901.D
 Acq On : 30 Apr 2021 7:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 11:21:43 AM

Quant Time: Apr 30 09:01:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	284187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	443666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	418054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	206872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	152596	41.79	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.58%		
35) Dibromofluoromethane	7.513	113	139924	51.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.18%		
50) Toluene-d8	10.029	98	536148	49.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.76%		
62) 4-Bromofluorobenzene	12.346	95	191445	52.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.28%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.838	85	135799	44.11	ug/l	99
3) Chloromethane	2.037	50	198106	49.00	ug/l	100
4) Vinyl Chloride	2.163	62	204914	51.90	ug/l	99
5) Bromomethane	2.525	94	130274	50.57	ug/l	96
6) Chloroethane	2.664	64	122106	49.68	ug/l	100
7) Trichlorofluoromethane	2.975	101	233085	49.09	ug/l	99
8) Diethyl Ether	3.359	74	93500	48.53	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.697	101	129635	46.15	ug/l	96
10) Methyl Iodide	3.890	142	211169	49.23	ug/l	96
11) Tert butyl alcohol	4.702	59	114656	203.63	ug/l	100
12) 1,1-Dichloroethene	3.675	96	138645	48.74	ug/l	97
13) Acrolein	3.549	56	111483	237.05	ug/l	100
14) Allyl chloride	4.249	41	216056	40.44	ug/l	92
15) Acrylonitrile	4.896	53	362677	242.92	ug/l	97
16) Acetone	3.753	43	267747	194.37	ug/l	94
17) Carbon Disulfide	3.986	76	399986	45.84	ug/l	98
18) Methyl Acetate	4.252	43	155768	42.10	ug/l	96
19) Methyl tert-butyl Ether	4.957	73	451249	46.33	ug/l	99
20) Methylene Chloride	4.475	84	167482	47.98	ug/l	96
21) trans-1,2-Dichloroethene	4.955	96	151792	49.62	ug/l	98
22) Diisopropyl ether	5.866	45	462392	43.39	ug/l	99
23) Vinyl Acetate	5.807	43	1887177	212.78	ug/l	99
24) 1,1-Dichloroethane	5.759	63	277830	47.06	ug/l	99
25) 2-Butanone	6.746	43	417592	215.62	ug/l	99
26) 2,2-Dichloropropane	6.735	77	130695	26.07	ug/l	95
27) cis-1,2-Dichloroethene	6.743	96	174906	49.42	ug/l	95
28) Bromochloromethane	7.111	49	116490	43.00	ug/l	95
29) Tetrahydrofuran	7.127	42	284314	214.86	ug/l	95
30) Chloroform	7.293	83	273492	47.72	ug/l	100
31) Cyclohexane	7.580	56	231326	40.97	ug/l	98
32) 1,1,1-Trichloroethane	7.492	97	230344	47.03	ug/l	99
36) 1,1-Dichloropropene	7.720	75	201221	48.81	ug/l	99
37) Ethyl Acetate	6.845	43	188244	42.99	ug/l	96
38) Carbon Tetrachloride	7.701	117	200174	50.63	ug/l	100
39) Methylcyclohexane	9.018	83	229197	46.99	ug/l	99
40) Benzene	7.969	78	655988	51.26	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	70176	35.24	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	196630	45.49	ug/l	96
43) Isopropyl Acetate	8.095	43	302208	43.44	ug/l	97
44) Trichloroethene	8.771	130	168776	54.22	ug/l	96
45) 1,2-Dichloropropane	9.053	63	172489	50.50	ug/l	100
46) Dibromomethane	9.144	93	109460	52.46	ug/l	95
47) Bromodichloromethane	9.340	83	223553	51.14	ug/l	99
48) Methyl methacrylate	9.136	41	136293	44.92	ug/l	92
49) 1,4-Dioxane	9.136	88	46766	1029.93	ug/l	95
51) 4-Methyl-2-Pentanone	9.922	43	894195	236.49	ug/l	97
52) Toluene	10.093	92	409263	53.17	ug/l	98
53) t-1,3-Dichloropropene	10.324	75	223400	47.75	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	248408	47.39	ug/l	93
55) 1,1,2-Trichloroethane	10.501	97	163307	55.23	ug/l	98
56) Ethyl methacrylate	10.372	69	220559	45.41	ug/l	92
57) 1,3-Dichloropropane	10.648	76	266504	52.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	234609	238.46	ug/l	99
59) 2-Hexanone	10.694	43	593061	203.27	ug/l	95
60) Dibromochloromethane	10.842	129	184917	57.42	ug/l	100
61) 1,2-Dibromoethane	10.946	107	166000	55.96	ug/l	100
64) Tetrachloroethene	10.571	164	150979	54.62	ug/l	96
65) Chlorobenzene	11.375	112	442010	52.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	169523	54.05	ug/l	100
67) Ethyl Benzene	11.456	91	755234	51.21	ug/l	99
68) m/p-Xylenes	11.563	106	585106	108.16	ug/l	99
69) o-Xylene	11.893	106	284379	52.64	ug/l	98
70) Styrene	11.909	104	468103	47.95	ug/l	99
71) Bromoform	12.073	173	134860	59.39	ug/l #	99
73) Isopropylbenzene	12.193	105	741590	48.90	ug/l	98
74) N-amyl acetate	12.022	43	142953	39.92	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.448	83	240636	48.23	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	165722m	38.01	ug/l	
77) Bromobenzene	12.469	156	196070	52.41	ug/l	98
78) n-propylbenzene	12.537	91	838891	50.16	ug/l	98
79) 2-Chlorotoluene	12.617	91	509741	47.92	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	632545	49.41	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.247	75	51432	35.41	ug/l	93
82) 4-Chlorotoluene	12.716	91	510999	49.78	ug/l	99
83) tert-Butylbenzene	12.936	119	551293	50.27	ug/l	96
84) 1,2,4-Trimethylbenzene	12.984	105	612370	50.79	ug/l	95
85) sec-Butylbenzene	13.116	105	710711	49.96	ug/l	98
86) p-Isopropyltoluene	13.234	119	632790	51.83	ug/l	98
87) 1,3-Dichlorobenzene	13.226	146	333191	52.39	ug/l	100
88) 1,4-Dichlorobenzene	13.306	146	341655	50.54	ug/l	99
89) n-Butylbenzene	13.561	91	488691	46.96	ug/l	99
90) Hexachloroethane	13.816	117	127430	49.87	ug/l	86
91) 1,2-Dichlorobenzene	13.596	146	335552	52.04	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.215	75	41615	46.52	ug/l	97
93) 1,2,4-Trichlorobenzene	14.851	180	209627	58.71	ug/l	98
94) Hexachlorobutadiene	14.948	225	101346	51.17	ug/l	99
95) Naphthalene	15.071	128	550007	59.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	204055	59.10	ug/l	98

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

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