

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066851.D
 Acq On : 29 Apr 2021 7:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 4/29/2021 5:52:25 PM

Quant Time: Apr 29 08:06:54 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	284398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	439726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	418513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	209446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	159912	43.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.52%		
35) Dibromofluoromethane	7.513	113	144496	53.23	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.46%		
50) Toluene-d8	10.029	98	552591	51.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.74%		
62) 4-Bromofluorobenzene	12.346	95	193809	53.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.52%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	140398	45.57	ug/l	100
3) Chloromethane	2.037	50	192811	47.66	ug/l	98
4) Vinyl Chloride	2.163	62	198620	50.27	ug/l	99
5) Bromomethane	2.509	94	120659	46.80	ug/l	100
6) Chloroethane	2.656	64	123406	50.17	ug/l	99
7) Trichlorofluoromethane	2.970	101	235032	49.46	ug/l	100
8) Diethyl Ether	3.356	74	91467	47.44	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.694	101	134699	47.91	ug/l	97
10) Methyl Iodide	3.887	142	218581	50.93	ug/l	97
11) Tert butyl alcohol	4.705	59	121617	215.84	ug/l	99
12) 1,1-Dichloroethene	3.675	96	137897	48.44	ug/l	98
13) Acrolein	3.546	56	107533	228.48	ug/l	99
14) Allyl chloride	4.246	41	218743	40.91	ug/l	92
15) Acrylonitrile	4.896	53	378671	253.44	ug/l	98
16) Acetone	3.753	43	281271	204.03	ug/l	97
17) Carbon Disulfide	3.984	76	412239	47.20	ug/l	97
18) Methyl Acetate	4.252	43	166027	44.77	ug/l	99
19) Methyl tert-butyl Ether	4.955	73	457485	46.94	ug/l	98
20) Methylene Chloride	4.472	84	173684	49.72	ug/l	98
21) trans-1,2-Dichloroethene	4.952	96	154822	50.57	ug/l	97
22) Diisopropyl ether	5.864	45	479124	44.92	ug/l	98
23) Vinyl Acetate	5.805	43	1975351	222.56	ug/l	99
24) 1,1-Dichloroethane	5.759	63	283643	48.01	ug/l	99
25) 2-Butanone	6.746	43	440656	227.36	ug/l	99
26) 2,2-Dichloropropane	6.735	77	131222	26.16	ug/l	94
27) cis-1,2-Dichloroethene	6.741	96	177838	50.22	ug/l	95
28) Bromochloromethane	7.114	49	122847	45.32	ug/l	98
29) Tetrahydrofuran	7.130	42	306283	231.29	ug/l	99
30) Chloroform	7.291	83	279854	48.79	ug/l	99
31) Cyclohexane	7.577	56	240276	42.53	ug/l	100
32) 1,1,1-Trichloroethane	7.492	97	235269	47.99	ug/l	99
36) 1,1-Dichloropropene	7.717	75	204550	50.06	ug/l	99
37) Ethyl Acetate	6.843	43	194011	44.70	ug/l	98
38) Carbon Tetrachloride	7.698	117	204986	52.32	ug/l	100
39) Methylcyclohexane	9.015	83	235097	48.63	ug/l	97
40) Benzene	7.969	78	674994	53.22	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.097	41	85886m	43.52	ug/l	
42) 1,2-Dichloroethane	8.052	62	198466	46.32	ug/l	96
43) Isopropyl Acetate	8.092	43	314932	45.67	ug/l	93
44) Trichloroethene	8.768	130	168493	54.61	ug/l	97
45) 1,2-Dichloropropane	9.053	63	176426	52.11	ug/l	98
46) Dibromomethane	9.144	93	111248	53.79	ug/l	96
47) Bromodichloromethane	9.340	83	226882	52.36	ug/l	99
48) Methyl methacrylate	9.136	41	142969	47.54	ug/l	93
49) 1,4-Dioxane	9.136	88	53349	1185.44	ug/l	97
51) 4-Methyl-2-Pentanone	9.922	43	934374	249.33	ug/l	97
52) Toluene	10.093	92	412978	54.13	ug/l	98
53) t-1,3-Dichloropropene	10.324	75	221216	47.70	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	251354	48.38	ug/l	95
55) 1,1,2-Trichloroethane	10.504	97	164724	56.21	ug/l	98
56) Ethyl methacrylate	10.372	69	221301	45.94	ug/l	93
57) 1,3-Dichloropropane	10.646	76	269259	53.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	247758	250.58	ug/l	99
59) 2-Hexanone	10.694	43	620619	213.53	ug/l	96
60) Dibromochloromethane	10.841	129	184719	57.87	ug/l	100
61) 1,2-Dibromoethane	10.946	107	165603	56.33	ug/l	98
64) Tetrachloroethene	10.573	164	149824	54.14	ug/l	98
65) Chlorobenzene	11.375	112	438999	52.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	170214	54.21	ug/l	99
67) Ethyl Benzene	11.456	91	761116	51.56	ug/l	100
68) m/p-Xylenes	11.566	106	594027	109.68	ug/l	98
69) o-Xylene	11.893	106	288625	53.37	ug/l	97
70) Styrene	11.909	104	470607	48.14	ug/l	99
71) Bromoform	12.072	173	135579	59.64	ug/l #	98
73) Isopropylbenzene	12.193	105	748577	48.76	ug/l	99
74) N-amyl acetate	12.022	43	156100	43.05	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.448	83	242420	47.99	ug/l	100
76) 1,2,3-Trichloropropane	12.499	75	203154m	46.02	ug/l	
77) Bromobenzene	12.469	156	199670	52.72	ug/l	97
78) n-propylbenzene	12.536	91	840015	49.61	ug/l	99
79) 2-Chlorotoluene	12.620	91	515337	47.85	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	637279	49.16	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.247	75	56634	37.88	ug/l	91
82) 4-Chlorotoluene	12.716	91	512839	49.34	ug/l	99
83) tert-Butylbenzene	12.936	119	554746	49.96	ug/l	96
84) 1,2,4-Trimethylbenzene	12.984	105	621372	50.90	ug/l	96
85) sec-Butylbenzene	13.116	105	717771	49.84	ug/l	99
86) p-Isopropyltoluene	13.234	119	629022	50.88	ug/l	98
87) 1,3-Dichlorobenzene	13.226	146	336524	52.26	ug/l	100
88) 1,4-Dichlorobenzene	13.306	146	341809	49.94	ug/l	98
89) n-Butylbenzene	13.561	91	474005	44.99	ug/l	99
90) Hexachloroethane	13.816	117	130305	50.37	ug/l	86
91) 1,2-Dichlorobenzene	13.596	146	341046	52.25	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.215	75	39936	44.09	ug/l	95
93) 1,2,4-Trichlorobenzene	14.851	180	189234	52.34	ug/l	97
94) Hexachlorobutadiene	14.948	225	102253	51.00	ug/l	99
95) Naphthalene	15.071	128	466852	50.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.248	180	185833	53.16	ug/l	99

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

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