

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066853.D
 Acq On : 29 Apr 2021 9:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 11:20:47 AM

Quant Time: Apr 30 06:13:25 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	7.588	168	309336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	440947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	420112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	217513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	159138	40.04	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.08%		
35) Dibromofluoromethane	7.511	113	144719	53.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.34%		
50) Toluene-d8	10.029	98	557586	52.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.38%		
62) 4-Bromofluorobenzene	12.346	95	198526	54.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.84%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	151712	45.27	ug/l	98
3) Chloromethane	2.034	50	198209	45.04	ug/l	99
4) Vinyl Chloride	2.163	62	202599	47.14	ug/l	99
5) Bromomethane	2.509	94	128151	45.70	ug/l	95
6) Chloroethane	2.656	64	123225	46.06	ug/l	100
7) Trichlorofluoromethane	2.970	101	241443	46.72	ug/l	99
8) Diethyl Ether	3.356	74	92188	43.96	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.694	101	146901	48.04	ug/l	97
10) Methyl Iodide	3.885	142	222572	47.67	ug/l	97
11) Tert butyl alcohol	4.703	59	116854	190.66	ug/l	100
12) 1,1-Dichloroethene	3.673	96	142332	45.97	ug/l	100
13) Acrolein	3.544	56	116496	227.57	ug/l	96
14) Allyl chloride	4.247	41	238760	41.05	ug/l	93
15) Acrylonitrile	4.890	53	369053	227.09	ug/l	98
16) Acetone	3.750	43	379036	252.78	ug/l	97
17) Carbon Disulfide	3.984	76	428550	45.12	ug/l	98
18) Methyl Acetate	4.249	43	161019	40.04	ug/l	98
19) Methyl tert-butyl Ether	4.952	73	457923	43.19	ug/l	97
20) Methylene Chloride	4.467	84	171696	45.18	ug/l	96
21) trans-1,2-Dichloroethene	4.947	96	159457	47.88	ug/l	99
22) Diisopropyl ether	5.861	45	485418	41.85	ug/l	98
23) Vinyl Acetate	5.802	43	1979882	205.09	ug/l	99
24) 1,1-Dichloroethane	5.757	63	288354	44.87	ug/l	99
25) 2-Butanone	6.744	43	470050	222.97	ug/l	99
26) 2,2-Dichloropropane	6.733	77	245164	44.94	ug/l	99
27) cis-1,2-Dichloroethene	6.738	96	180673	46.90	ug/l	100
28) Bromochloromethane	7.111	49	123506	41.89	ug/l	99
29) Tetrahydrofuran	7.127	42	295664	205.27	ug/l	99
30) Chloroform	7.291	83	284978	45.68	ug/l	99
31) Cyclohexane	7.578	56	253750	41.29	ug/l	98
32) 1,1,1-Trichloroethane	7.492	97	240335	45.08	ug/l	99
36) 1,1-Dichloropropene	7.717	75	216241	52.78	ug/l	99
37) Ethyl Acetate	6.840	43	190281	43.72	ug/l	98
38) Carbon Tetrachloride	7.698	117	207611	52.84	ug/l	99
39) Methylcyclohexane	9.015	83	262847	54.22	ug/l	97
40) Benzene	7.967	78	682868	53.69	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	84186	42.54	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	204072	47.50	ug/l	97
43) Isopropyl Acetate	8.093	43	310009	44.83	ug/l #	92
44) Trichloroethene	8.768	130	174360	56.36	ug/l	94
45) 1,2-Dichloropropane	9.053	63	179451	52.86	ug/l	99
46) Dibromomethane	9.141	93	112331	54.17	ug/l	97
47) Bromodichloromethane	9.337	83	229522	52.82	ug/l	100
48) Methyl methacrylate	9.136	41	139778	46.35	ug/l	92
49) 1,4-Dioxane	9.136	88	54391	1205.24	ug/l	98
51) 4-Methyl-2-Pentanone	9.919	43	913899	243.19	ug/l	98
52) Toluene	10.093	92	420847	55.01	ug/l	98
53) t-1,3-Dichloropropene	10.321	75	247200	53.16	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	281527	54.04	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	166029	56.50	ug/l	98
56) Ethyl methacrylate	10.370	69	218370	45.25	ug/l	94
57) 1,3-Dichloropropane	10.646	76	269704	53.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	225733	232.47	ug/l	99
59) 2-Hexanone	10.691	43	623571	213.91	ug/l	96
60) Dibromochloromethane	10.842	129	185266	57.88	ug/l	99
61) 1,2-Dibromoethane	10.946	107	167574	56.84	ug/l	98
64) Tetrachloroethene	10.571	164	158068	56.90	ug/l	98
65) Chlorobenzene	11.375	112	453438	53.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.448	131	172538	54.74	ug/l	100
67) Ethyl Benzene	11.453	91	793159	53.52	ug/l	99
68) m/p-Xylenes	11.563	106	618359	113.74	ug/l	99
69) o-Xylene	11.890	106	294414	54.23	ug/l	98
70) Styrene	11.909	104	484406	49.29	ug/l	99
71) Bromoform	12.073	173	136644	59.88	ug/l #	98
73) Isopropylbenzene	12.193	105	781382	49.01	ug/l	98
74) N-amyl acetate	12.022	43	155518	41.30	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.448	83	246939	47.07	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	196193m	42.80	ug/l	
77) Bromobenzene	12.470	156	203832	51.82	ug/l	98
78) n-propylbenzene	12.534	91	901125	51.25	ug/l	99
79) 2-Chlorotoluene	12.617	91	541062	48.37	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	672860	49.98	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.244	75	65604	41.43	ug/l	93
82) 4-Chlorotoluene	12.716	91	555976	51.51	ug/l	100
83) tert-Butylbenzene	12.936	119	568641	49.31	ug/l	97
84) 1,2,4-Trimethylbenzene	12.985	105	649493	51.23	ug/l	95
85) sec-Butylbenzene	13.113	105	765814	51.20	ug/l	98
86) p-Isopropyltoluene	13.231	119	685036	53.36	ug/l	98
87) 1,3-Dichlorobenzene	13.226	146	357772	53.50	ug/l	100
88) 1,4-Dichlorobenzene	13.306	146	365212	51.38	ug/l	99
89) n-Butylbenzene	13.558	91	533460	48.76	ug/l	99
90) Hexachloroethane	13.816	117	134124	49.92	ug/l	88
91) 1,2-Dichlorobenzene	13.596	146	355641	52.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.216	75	38427	40.85	ug/l	95
93) 1,2,4-Trichlorobenzene	14.851	180	207603	55.30	ug/l	98
94) Hexachlorobutadiene	14.948	225	118929	57.12	ug/l	99
95) Naphthalene	15.071	128	458337	47.45	ug/l	99
96) 1,2,3-Trichlorobenzene	15.248	180	195777	53.93	ug/l	98

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

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