

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066751.D
 Acq On : 23 Apr 2021 20:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/26/2021 4:54:40 PM

Quant Time: Apr 26 09:14:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	315705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	484594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	434862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	215356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	185348	48.06	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.12%		
35) Dibromofluoromethane	7.513	113	157715	51.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.94%		
50) Toluene-d8	10.029	98	607706	51.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.70%		
62) 4-Bromofluorobenzene	12.343	95	207729	51.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.50%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	154719	43.46	ug/l	99
3) Chloromethane	2.037	50	211191	41.54	ug/l	100
4) Vinyl Chloride	2.163	62	205863	45.53	ug/l	98
5) Bromomethane	2.514	94	119308	46.70	ug/l	97
6) Chloroethane	2.659	64	121695	45.85	ug/l	99
7) Trichlorofluoromethane	2.973	101	225931	46.50	ug/l	100
8) Diethyl Ether	3.359	74	95598	46.25	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.699	101	137848	45.20	ug/l	99
10) Methyl Iodide	3.887	142	214761	44.82	ug/l	98
11) Tert butyl alcohol	4.702	59	119906	245.36	ug/l	100
12) 1,1-Dichloroethene	3.675	96	140280	45.58	ug/l	96
13) Acrolein	3.547	56	98061	181.59	ug/l	97
14) Allyl chloride	4.249	41	266020	45.12	ug/l	92
15) Acrylonitrile	4.893	53	387034	232.33	ug/l	99
16) Acetone	3.753	43	291885	202.18	ug/l	100
17) Carbon Disulfide	3.986	76	432688	43.78	ug/l	98
18) Methyl Acetate	4.249	43	176227	44.01	ug/l	97
19) Methyl tert-butyl Ether	4.957	73	474868	47.24	ug/l	98
20) Methylene Chloride	4.472	84	173222	40.35	ug/l	96
21) trans-1,2-Dichloroethene	4.955	96	156768	46.38	ug/l	95
22) Diisopropyl ether	5.864	45	546592	45.71	ug/l	96
23) Vinyl Acetate	5.805	43	2248587	233.22	ug/l	98
24) 1,1-Dichloroethane	5.759	63	300690	45.29	ug/l	99
25) 2-Butanone	6.743	43	474163	228.95	ug/l	95
26) 2,2-Dichloropropane	6.733	77	225937	41.43	ug/l	100
27) cis-1,2-Dichloroethene	6.741	96	180049	45.94	ug/l	96
28) Bromochloromethane	7.111	49	137786	44.11	ug/l	91
29) Tetrahydrofuran	7.127	42	326911	229.09	ug/l	95
30) Chloroform	7.291	83	287050	46.12	ug/l	98
31) Cyclohexane	7.578	56	272131	43.30	ug/l	93
32) 1,1,1-Trichloroethane	7.492	97	240874	46.32	ug/l	99
36) 1,1-Dichloropropene	7.717	75	217261	48.22	ug/l	99
37) Ethyl Acetate	6.840	43	213223	45.05	ug/l	99
38) Carbon Tetrachloride	7.698	117	203424	47.44	ug/l	100
39) Methylcyclohexane	9.015	83	259284	48.54	ug/l	96
40) Benzene	7.969	78	693292	47.81	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	85536	40.66	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	216233	46.70	ug/l	99
43) Isopropyl Acetate	8.092	43	353089	46.73	ug/l	99
44) Trichloroethene	8.771	130	167399	48.53	ug/l	99
45) 1,2-Dichloropropane	9.050	63	188527	47.82	ug/l	98
46) Dibromomethane	9.141	93	112055	48.69	ug/l	98
47) Bromodichloromethane	9.337	83	231646	47.89	ug/l	99
48) Methyl methacrylate	9.136	41	162744	49.10	ug/l	93
49) 1,4-Dioxane	9.136	88	48783	1217.65	ug/l	93
51) 4-Methyl-2-Pentanone	9.919	43	1026302	242.76	ug/l	98
52) Toluene	10.093	92	419528	49.27	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	249215	48.80	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	285173	49.01	ug/l	99
55) 1,1,2-Trichloroethane	10.501	97	163981	48.63	ug/l	98
56) Ethyl methacrylate	10.370	69	234598	44.26	ug/l	96
57) 1,3-Dichloropropane	10.646	76	277124	48.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	310060	334.70	ug/l	96
59) 2-Hexanone	10.691	43	676654	215.71	ug/l	99
60) Dibromochloromethane	10.842	129	179465	50.08	ug/l	100
61) 1,2-Dibromoethane	10.946	107	165349	49.91	ug/l	99
64) Tetrachloroethene	10.571	164	143501	46.75	ug/l	99
65) Chlorobenzene	11.375	112	440105	49.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	165042	51.41	ug/l	99
67) Ethyl Benzene	11.453	91	793181	52.18	ug/l	99
68) m/p-Xylenes	11.563	106	597810	105.51	ug/l	99
69) o-Xylene	11.890	106	290635	52.08	ug/l	100
70) Styrene	11.906	104	474933	45.52	ug/l	100
71) Bromoform	12.070	173	128708	52.87	ug/l #	99
73) Isopropylbenzene	12.193	105	763684	49.90	ug/l	100
74) N-amyl acetate	12.019	43	204046	56.04	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.448	83	240080	46.48	ug/l	100
76) 1,2,3-Trichloropropane	12.496	75	218999m	47.53	ug/l	
77) Bromobenzene	12.467	156	194680	49.16	ug/l	96
78) n-propylbenzene	12.534	91	879745	51.57	ug/l	99
79) 2-Chlorotoluene	12.617	91	525642	46.05	ug/l	100
80) 1,3,5-Trimethylbenzene	12.676	105	646623	49.71	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	71439	47.75	ug/l	92
82) 4-Chlorotoluene	12.716	91	529484	50.46	ug/l	99
83) tert-Butylbenzene	12.936	119	546844	47.19	ug/l	99
84) 1,2,4-Trimethylbenzene	12.982	105	630602	50.68	ug/l	97
85) sec-Butylbenzene	13.113	105	733627	50.38	ug/l	100
86) p-Isopropyltoluene	13.234	119	643353	53.10	ug/l	99
87) 1,3-Dichlorobenzene	13.226	146	332801	49.92	ug/l	100
88) 1,4-Dichlorobenzene	13.306	146	347068	48.44	ug/l	97
89) n-Butylbenzene	13.558	91	525188	48.67	ug/l	100
90) Hexachloroethane	13.816	117	128328	47.36	ug/l	90
91) 1,2-Dichlorobenzene	13.596	146	332462	48.84	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.215	75	40063	43.49	ug/l	98
93) 1,2,4-Trichlorobenzene	14.851	180	190821	47.01	ug/l	98
94) Hexachlorobutadiene	14.948	225	100307	47.73	ug/l	99
95) Naphthalene	15.071	128	451082	45.63	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	179940	47.22	ug/l	98

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

