

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042621\
 Data File : VN066754.D
 Acq On : 26 Apr 2021 11:50
 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

4/27/2021 5:52:39 PM

Quant Time: Apr 26 14:39:30 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	7.586	168	405198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.514	114	618710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	568603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	277569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	234354	47.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.68%
35) Dibromofluoromethane	7.511	113	202106	52.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.32%
50) Toluene-d8	10.026	98	814067	53.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.76%
62) 4-Bromofluorobenzene	12.343	95	284461	54.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.94%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.835	85	203779	44.60	ug/l	99
3) Chloromethane	2.037	50	272518	41.77	ug/l	99
4) Vinyl Chloride	2.163	62	272965	47.04	ug/l	99
5) Bromomethane	2.519	94	167618	51.12	ug/l	97
6) Chloroethane	2.662	64	158794	46.61	ug/l	99
7) Trichlorofluoromethane	2.973	101	299075	47.96	ug/l	98
8) Diethyl Ether	3.356	74	123524	46.56	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.697	101	186196	47.57	ug/l	99
10) Methyl Iodide	3.884	142	277212	45.07	ug/l	97
11) Tert butyl alcohol	4.694	59	154285	245.98	ug/l	100
12) 1,1-Dichloroethene	3.673	96	182322	46.16	ug/l	97
13) Acrolein	3.544	56	95733	138.13	ug/l	98
14) Allyl chloride	4.244	41	332034	43.88	ug/l	93
15) Acrylonitrile	4.888	53	495840	231.91	ug/l	98
16) Acetone	3.748	43	488091	263.41	ug/l	99
17) Carbon Disulfide	3.984	76	552811	43.58	ug/l	99
18) Methyl Acetate	4.247	43	222722	43.34	ug/l	99
19) Methyl tert-butyl Ether	4.949	73	606143	46.99	ug/l	98
20) Methylene Chloride	4.469	84	222272	40.34	ug/l	99
21) trans-1,2-Dichloroethene	4.949	96	202519	46.68	ug/l	97
22) Diisopropyl ether	5.858	45	670885	43.72	ug/l	98
23) Vinyl Acetate	5.799	43	2754594	222.60	ug/l	99
24) 1,1-Dichloroethane	5.754	63	379061	44.48	ug/l	98
25) 2-Butanone	6.741	43	638957	240.38	ug/l	98
26) 2,2-Dichloropropane	6.730	77	319580	45.66	ug/l	100
27) cis-1,2-Dichloroethene	6.735	96	231800	46.08	ug/l	97
28) Bromochloromethane	7.106	49	194528	48.52	ug/l	94
29) Tetrahydrofuran	7.124	42	410324	224.04	ug/l	98
30) Chloroform	7.288	83	366193	45.85	ug/l	97
31) Cyclohexane	7.578	56	349871	43.37	ug/l	96
32) 1,1,1-Trichloroethane	7.489	97	307524	46.08	ug/l	99
36) 1,1-Dichloropropene	7.714	75	279602	48.61	ug/l	99
37) Ethyl Acetate	6.837	43	265264	43.89	ug/l	99
38) Carbon Tetrachloride	7.696	117	264959	48.39	ug/l	99
39) Methylcyclohexane	9.012	83	354299	51.95	ug/l	97
40) Benzene	7.966	78	884941	47.79	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.097	41	137362m	51.14	ug/l	
42) 1,2-Dichloroethane	8.047	62	270143	45.70	ug/l	99
43) Isopropyl Acetate	8.090	43	438019	45.41	ug/l	100
44) Trichloroethene	8.768	130	223429	50.73	ug/l	97
45) 1,2-Dichloropropane	9.047	63	236197	46.93	ug/l	99
46) Dibromomethane	9.141	93	142841	48.61	ug/l	98
47) Bromodichloromethane	9.337	83	296747	48.05	ug/l	100
48) Methyl methacrylate	9.133	41	202245	47.79	ug/l	94
49) 1,4-Dioxane	9.133	88	62944	1230.55	ug/l	95
51) 4-Methyl-2-Pentanone	9.919	43	1278374	236.84	ug/l	100
52) Toluene	10.091	92	548742	50.47	ug/l	97
53) t-1,3-Dichloropropene	10.319	75	331318	50.82	ug/l	98
54) cis-1,3-Dichloropropene	9.774	75	371127	49.95	ug/l	98
55) 1,1,2-Trichloroethane	10.498	97	210130	48.81	ug/l	97
56) Ethyl methacrylate	10.367	69	301566	44.54	ug/l	97
57) 1,3-Dichloropropane	10.646	76	353434	48.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.629	63	266856	232.84	ug/l	98
59) 2-Hexanone	10.691	43	879386	219.27	ug/l	99
60) Dibromochloromethane	10.842	129	232898	50.90	ug/l	99
61) 1,2-Dibromoethane	10.943	107	214155	50.63	ug/l	99
64) Tetrachloroethene	10.568	164	197632	49.24	ug/l	98
65) Chlorobenzene	11.373	112	578486	50.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.448	131	215272	51.29	ug/l	100
67) Ethyl Benzene	11.453	91	1032354	51.94	ug/l	99
68) m/p-Xylenes	11.563	106	791253	106.81	ug/l	100
69) o-Xylene	11.890	106	378749	51.91	ug/l	99
70) Styrene	11.906	104	616320	45.20	ug/l	99
71) Bromoform	12.070	173	166548	52.33	ug/l #	98
73) Isopropylbenzene	12.191	105	1004914	50.94	ug/l	99
74) N-amyl acetate	12.016	43	250622	53.41	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.445	83	313221	47.05	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	272513m	45.88	ug/l	
77) Bromobenzene	12.467	156	253967	49.76	ug/l	99
78) n-propylbenzene	12.534	91	1163341	52.90	ug/l	100
79) 2-Chlorotoluene	12.614	91	680449	46.25	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	854844	50.99	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.244	75	88272	46.00	ug/l	94
82) 4-Chlorotoluene	12.714	91	700733	51.81	ug/l	99
83) tert-Butylbenzene	12.933	119	725466	48.57	ug/l	97
84) 1,2,4-Trimethylbenzene	12.982	105	830481	51.79	ug/l	97
85) sec-Butylbenzene	13.113	105	973265	51.86	ug/l	100
86) p-Isopropyltoluene	13.231	119	869327	55.67	ug/l	99
87) 1,3-Dichlorobenzene	13.223	146	441777	51.41	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	449818	48.71	ug/l	99
89) n-Butylbenzene	13.558	91	720513	51.80	ug/l	100
90) Hexachloroethane	13.813	117	163462	46.81	ug/l	90
91) 1,2-Dichlorobenzene	13.593	146	432767	49.32	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.215	75	49001	41.27	ug/l	96
93) 1,2,4-Trichlorobenzene	14.851	180	264592	50.42	ug/l	98
94) Hexachlorobutadiene	14.948	225	138691	51.20	ug/l	99
95) Naphthalene	15.068	128	621196	48.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.248	180	243633	49.53	ug/l	99

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

