

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021621\
 Data File : VN065894.D
 Acq On : 16 Feb 2021 23:53
 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
 2/17/2021 10:36:17 AM

Quant Time: Feb 17 00:17:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	92179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	158214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	145603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	68538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	58584	48.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.62%		
35) Dibromofluoromethane	7.547	113	53697	57.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	114.54%		
50) Toluene-d8	10.055	98	204557	55.50	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	111.00%		
62) 4-Bromofluorobenzene	12.370	95	79241	59.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	119.42%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.833	85	55376	53.63	ug/l	98
3) Chloromethane	2.036	50	68594	45.20	ug/l	100
4) Vinyl Chloride	2.165	62	72696	47.31	ug/l	100
5) Bromomethane	2.522	94	47796	53.74	ug/l	97
6) Chloroethane	2.669	64	40456	45.51	ug/l	97
7) Trichlorofluoromethane	2.988	101	86484	53.84	ug/l	100
8) Diethyl Ether	3.377	74	35428	46.26	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.711	101	49695	50.98	ug/l	98
10) Methyl Iodide	3.898	142	82509	57.74	ug/l	98
11) Tert butyl alcohol	4.772	59	44371	195.33	ug/l #	84
12) 1,1-Dichloroethene	3.689	96	53535	47.71	ug/l	96
13) Acrolein	3.567	56	50102	254.84	ug/l	98
14) Allyl chloride	4.267	41	79513	38.22	ug/l	90
15) Acrylonitrile	4.936	53	127754	215.88	ug/l	97
16) Acetone	3.782	43	85731	181.59	ug/l	93
17) Carbon Disulfide	3.997	76	144666	40.95	ug/l	99
18) Methyl Acetate	4.284	43	53034	40.09	ug/l	96
19) Methyl tert-butyl Ether	5.004	73	171656	45.83	ug/l	98
20) Methylene Chloride	4.496	84	62527	47.83	ug/l	93
21) trans-1,2-Dichloroethene	4.978	96	57504	48.22	ug/l	97
22) Diisopropyl ether	5.907	45	166893	39.25	ug/l	93
23) Vinyl Acetate	5.846	43	654506	192.69	ug/l	97
24) 1,1-Dichloroethane	5.792	63	103291	45.57	ug/l	99
25) 2-Butanone	6.795	43	147287	198.97	ug/l	97
26) 2,2-Dichloropropane	6.772	77	67846	37.40	ug/l	95
27) cis-1,2-Dichloroethene	6.775	96	68142	49.87	ug/l	96
28) Bromochloromethane	7.145	49	45558	47.83	ug/l	97
29) Tetrahydrofuran	7.174	42	103795	193.32	ug/l	94
30) Chloroform	7.325	83	102627	49.16	ug/l	97
31) Cyclohexane	7.608	56	91977	40.33	ug/l	98
32) 1,1,1-Trichloroethane	7.525	97	84121	49.50	ug/l	99
36) 1,1-Dichloropropene	7.750	75	79204	49.75	ug/l	99
37) Ethyl Acetate	6.888	43	64746	42.39	ug/l #	94
38) Carbon Tetrachloride	7.730	117	70573	53.84	ug/l	100
39) Methylcyclohexane	9.042	83	90551	46.62	ug/l	99
40) Benzene	8.000	78	248124	51.03	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.126	41	29796	36.33	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	75143	51.27	ug/l	96
43) Isopropyl Acetate	8.129	43	106391	39.28	ug/l	94
44) Trichloroethene	8.798	130	66123	56.05	ug/l	96
45) 1,2-Dichloropropane	9.081	63	63680	47.60	ug/l	99
46) Dibromomethane	9.174	93	39376	53.28	ug/l	99
47) Bromodichloromethane	9.367	83	77969	49.18	ug/l	99
48) Methyl methacrylate	9.164	41	52680	41.00	ug/l	92
49) 1,4-Dioxane	9.168	88	23054	1108.84	ug/l	97
51) 4-Methyl-2-Pentanone	9.952	43	320825	214.87	ug/l	94
52) Toluene	10.123	92	161166	55.96	ug/l	96
53) t-1,3-Dichloropropene	10.351	75	86568	46.89	ug/l	99
54) cis-1,3-Dichloropropene	9.804	75	99695	48.48	ug/l	92
55) 1,1,2-Trichloroethane	10.528	97	61037	55.56	ug/l	99
56) Ethyl methacrylate	10.399	69	89086	49.04	ug/l #	88
57) 1,3-Dichloropropane	10.676	76	102982	53.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.660	63	176505	210.38	ug/l	100
59) 2-Hexanone	10.721	43	228015	219.96	ug/l	92
60) Dibromochloromethane	10.872	129	62924	56.05	ug/l	100
61) 1,2-Dibromoethane	10.975	107	62340	56.94	ug/l	99
64) Tetrachloroethene	10.598	164	62294	51.05	ug/l	97
65) Chlorobenzene	11.402	112	169501	55.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	58943	54.74	ug/l	99
67) Ethyl Benzene	11.479	91	296384	51.80	ug/l	98
68) m/p-Xylenes	11.592	106	235496	113.68	ug/l	96
69) o-Xylene	11.917	106	111200	55.40	ug/l	100
70) Styrene	11.933	104	190091	57.53	ug/l	98
71) Bromoform	12.097	173	39665	53.29	ug/l #	98
73) Isopropylbenzene	12.219	105	290452	48.40	ug/l	99
74) N-amyl acetate	12.042	43	92853	36.58	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.473	83	83265	46.98	ug/l	100
76) 1,2,3-Trichloropropane	12.524	75	77060m	43.00	ug/l	
77) Bromobenzene	12.495	156	71207	54.80	ug/l	96
78) n-propylbenzene	12.560	91	322057	45.54	ug/l	99
79) 2-Chlorotoluene	12.643	91	198014	47.14	ug/l	99
80) 1,3,5-Trimethylbenzene	12.704	105	245771	48.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.270	75	25348	36.23	ug/l	94
82) 4-Chlorotoluene	12.743	91	201033	46.88	ug/l	98
83) tert-Butylbenzene	12.965	119	204594	48.02	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	249884	49.03	ug/l	98
85) sec-Butylbenzene	13.142	105	266638	46.36	ug/l	99
86) p-Isopropyltoluene	13.257	119	239452	47.15	ug/l	99
87) 1,3-Dichlorobenzene	13.251	146	123484	53.31	ug/l	98
88) 1,4-Dichlorobenzene	13.335	146	121953	51.88	ug/l	98
89) n-Butylbenzene	13.585	91	193896	42.50	ug/l	99
90) Hexachloroethane	13.843	117	38212	43.00	ug/l	99
91) 1,2-Dichlorobenzene	13.624	146	122539	53.33	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	14936	42.47	ug/l	95
93) 1,2,4-Trichlorobenzene	14.878	180	60724	44.03	ug/l	99
94) Hexachlorobutadiene	14.978	225	24974	43.98	ug/l	99
95) Naphthalene	15.100	128	200352	45.46	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	61537	45.16	ug/l	99

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

