

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066692.D
 Acq On : 21 Apr 2021 11:27
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 4/22/2021 5:29:08 PM

Quant Time: Apr 21 13:01:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 21 12:58:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	271219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	433637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	396584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	175374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	60717	15.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	30.68%#		
35) Dibromofluoromethane	7.513	113	48570	16.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	32.86%#		
50) Toluene-d8	10.029	98	191945	16.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	33.18%#		
62) 4-Bromofluorobenzene	12.346	95	61581	15.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	30.66%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.835	85	58197	17.66	ug/l	97
3) Chloromethane	2.037	50	80651	16.76	ug/l	99
4) Vinyl Chloride	2.163	62	72845	17.26	ug/l	100
5) Bromomethane	2.517	94	44609	17.20	ug/l	99
6) Chloroethane	2.661	64	43255	17.09	ug/l	98
7) Trichlorofluoromethane	2.975	101	78883	16.32	ug/l	99
8) Diethyl Ether	3.359	74	33005	16.66	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.699	101	49017	17.05	ug/l	99
10) Methyl Iodide	3.887	142	74884	18.46	ug/l	98
11) Tert butyl alcohol	4.705	59	37863	61.41	ug/l	98
12) 1,1-Dichloroethene	3.675	96	49641	17.60	ug/l	95
13) Acrolein	3.549	56	42610	114.77	ug/l	98
14) Allyl chloride	4.249	41	95471	79.57	ug/l	94
15) Acrylonitrile	4.893	53	137474	77.71	ug/l	99
16) Acetone	3.756	43	115048	64.78	ug/l	98
17) Carbon Disulfide	3.986	76	155554	16.37	ug/l	100
18) Methyl Acetate	4.252	43	63969	14.91	ug/l	96
19) Methyl tert-butyl Ether	4.955	73	162664	16.50	ug/l	94
20) Methylene Chloride	4.474	84	64826	16.77	ug/l	93
21) trans-1,2-Dichloroethene	4.955	96	54603	17.22	ug/l	94
22) Diisopropyl ether	5.866	45	196926	16.60	ug/l	92
23) Vinyl Acetate	5.805	43	789134	80.03	ug/l	97
24) 1,1-Dichloroethane	5.759	63	107620	16.53	ug/l	99
25) 2-Butanone	6.749	43	168058	71.81	ug/l	95
26) 2,2-Dichloropropane	6.738	77	86653	16.65	ug/l	100
27) cis-1,2-Dichloroethene	6.743	96	62018	16.93	ug/l	93
28) Bromochloromethane	7.116	49	49832	15.07	ug/l	86
29) Tetrahydrofuran	7.130	42	118503	75.18	ug/l	93
30) Chloroform	7.291	83	101110	16.52	ug/l	100
31) Cyclohexane	7.580	56	96422	16.41	ug/l	93
32) 1,1,1-Trichloroethane	7.492	97	84259	16.63	ug/l	98
36) 1,1-Dichloropropene	7.717	75	73534	16.76	ug/l	100
37) Ethyl Acetate	6.845	43	78086	16.09	ug/l	97
38) Carbon Tetrachloride	7.698	117	72117	17.49	ug/l	99
39) Methylcyclohexane	9.015	83	86194	17.21	ug/l	93
40) Benzene	7.969	78	242466	17.21	ug/l	99

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41) Methacrylonitrile	7.103	41	37254m	17.13	ug/l	
42) 1,2-Dichloroethane	8.052	62	77304	16.17	ug/l	99
43) Isopropyl Acetate	8.095	43	125908	15.48	ug/l #	88
44) Trichloroethene	8.771	130	57700	17.64	ug/l	97
45) 1,2-Dichloropropane	9.053	63	66367	17.01	ug/l	97
46) Dibromomethane	9.144	93	39828	17.01	ug/l	98
47) Bromodichloromethane	9.337	83	79818	16.64	ug/l	97
48) Methyl methacrylate	9.138	41	54948	15.12	ug/l	92
49) 1,4-Dioxane	9.138	88	13518	183.86	ug/l #	87
51) 4-Methyl-2-Pentanone	9.922	43	360419	76.17	ug/l	96
52) Toluene	10.093	92	145625	17.60	ug/l	98
53) t-1,3-Dichloropropene	10.324	75	85683	16.63	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	96607	16.86	ug/l	96
55) 1,1,2-Trichloroethane	10.504	97	57179	16.83	ug/l	97
56) Ethyl methacrylate	10.372	69	71647	16.34	ug/l	93
57) 1,3-Dichloropropane	10.648	76	95004	16.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	50362	72.46	ug/l	95
59) 2-Hexanone	10.694	43	212718	73.81	ug/l	97
60) Dibromochloromethane	10.841	129	60437	17.06	ug/l	99
61) 1,2-Dibromoethane	10.946	107	55010	16.52	ug/l	97
64) Tetrachloroethene	10.573	164	52031	18.56	ug/l	98
65) Chlorobenzene	11.375	112	149355	17.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	56229	17.85	ug/l	98
67) Ethyl Benzene	11.453	91	258586	17.18	ug/l	98
68) m/p-Xylenes	11.566	106	196367	35.78	ug/l	99
69) o-Xylene	11.890	106	96237	17.98	ug/l	99
70) Styrene	11.909	104	148308	17.82	ug/l	99
71) Bromoform	12.072	173	41768	17.74	ug/l #	100
73) Isopropylbenzene	12.193	105	245286	18.42	ug/l	100
74) N-amyl acetate	12.035	43	18367	7.38	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.448	83	85365	17.44	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	71305m	17.49	ug/l	
77) Bromobenzene	12.469	156	63056	19.09	ug/l	97
78) n-propylbenzene	12.536	91	275473	17.91	ug/l	99
79) 2-Chlorotoluene	12.617	91	173297	18.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	208741	18.54	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.249	75	19139	17.25	ug/l	95
82) 4-Chlorotoluene	12.719	91	168414	18.23	ug/l	97
83) tert-Butylbenzene	12.936	119	175690	18.55	ug/l	99
84) 1,2,4-Trimethylbenzene	12.984	105	196552	18.47	ug/l	98
85) sec-Butylbenzene	13.116	105	224706	17.59	ug/l	100
86) p-Isopropyltoluene	13.234	119	191253	18.24	ug/l	100
87) 1,3-Dichlorobenzene	13.228	146	103682	17.76	ug/l	100
88) 1,4-Dichlorobenzene	13.309	146	102097	15.95	ug/l	94
89) n-Butylbenzene	13.561	91	150324	17.27	ug/l	96
90) Hexachloroethane	13.816	117	40783	17.50	ug/l	92
91) 1,2-Dichlorobenzene	13.599	146	104661	18.06	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.221	75	12916	15.71	ug/l	92
93) 1,2,4-Trichlorobenzene	14.854	180	55885	17.13	ug/l	98
94) Hexachlorobutadiene	14.948	225	31356	17.01	ug/l	99
95) Naphthalene	15.074	128	130899	14.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	52837	15.85	ug/l	98

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

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