

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066609.D
 Acq On : 15 Apr 2021 12:27
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:10:42 PM

Quant Time: Apr 15 12:45:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 12:24:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	253084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	413755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	406683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	204589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	356254	96.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 192.30%#			
35) Dibromofluoromethane	7.511	113	275598	98.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 196.18%#			
50) Toluene-d8	10.029	98	1116571	102.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 205.20%#			
62) 4-Bromofluorobenzene	12.346	95	433561	109.47	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 218.94%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.830	85	273225	83.93	ug/l	98
3) Chloromethane	2.031	50	376173	84.82	ug/l	99
4) Vinyl Chloride	2.160	62	345003	84.64	ug/l	100
6) Chloroethane	2.629	64	203394	76.26	ug/l	100
7) Trichlorofluoromethane	2.954	101	379727	73.11	ug/l	99
8) Diethyl Ether	3.351	74	165865	89.03	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.683	101	226367	82.36	ug/l	97
10) Methyl Iodide	3.876	142	349351	91.74	ug/l	100
11) Tert butyl alcohol	4.719	59	286190	519.95	ug/l	100
12) 1,1-Dichloroethene	3.662	96	232330	86.91	ug/l	87
13) Acrolein	3.539	56	156296	480.54	ug/l	99
14) Allyl chloride	4.239	41	503832	95.49	ug/l	95
15) Acrylonitrile	4.893	53	803149	498.49	ug/l	99
16) Acetone	3.750	43	631669	440.67	ug/l	96
17) Carbon Disulfide	3.973	76	744270	86.34	ug/l	98
18) Methyl Acetate	4.247	43	358207	90.17	ug/l	94
19) Methyl tert-butyl Ether	4.952	73	874979	91.83	ug/l	95
20) Methylene Chloride	4.464	84	301846	82.24	ug/l	91
21) trans-1,2-Dichloroethene	4.944	96	264603	87.57	ug/l	88
22) Diisopropyl ether	5.864	45	1087768	93.07	ug/l	96
23) Vinyl Acetate	5.802	43	4649035	503.70	ug/l	96
24) 1,1-Dichloroethane	5.754	63	529963	83.32	ug/l	98
25) 2-Butanone	6.746	43	1073562	508.70	ug/l	92
26) 2,2-Dichloropropane	6.730	77	415110	80.94	ug/l	98
27) cis-1,2-Dichloroethene	6.738	96	315961	90.12	ug/l	92
28) Bromochloromethane	7.108	49	294178	94.71	ug/l #	81
29) Tetrahydrofuran	7.127	42	736758	522.52	ug/l	92
30) Chloroform	7.291	83	515587	84.98	ug/l	99
31) Cyclohexane	7.575	56	493990	86.41	ug/l	91
32) 1,1,1-Trichloroethane	7.489	97	432835	85.76	ug/l	97
36) 1,1-Dichloropropene	7.714	75	392364	89.69	ug/l	98
37) Ethyl Acetate	6.843	43	465027	101.65	ug/l	97
38) Carbon Tetrachloride	7.696	117	356203	84.44	ug/l	99
39) Methylcyclohexane	9.015	83	474371	94.96	ug/l	94
40) Benzene	7.966	78	1239979	88.67	ug/l	99
41) Methacrylonitrile	7.089	41	228000	105.98	ug/l #	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.050	62	415475	86.03	ug/l	99
43) Isopropyl Acetate	8.092	43	770549	98.46	ug/l #	88
44) Trichloroethene	8.768	130	287414	89.56	ug/l	98
45) 1,2-Dichloropropane	9.050	63	342155	88.27	ug/l	99
46) Dibromomethane	9.141	93	207021	90.29	ug/l	96
47) Bromodichloromethane	9.340	83	432979	89.11	ug/l	99
48) Methyl methacrylate	9.136	41	375647	105.88	ug/l	91
49) 1,4-Dioxane	9.138	88	125341	2287.42	ug/l	92
51) 4-Methyl-2-Pentanone	9.922	43	2426412	548.65	ug/l	96
52) Toluene	10.093	92	782200	95.82	ug/l	98
53) t-1,3-Dichloropropene	10.321	75	506643	98.25	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	538303	95.50	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	310906	93.36	ug/l	97
56) Ethyl methacrylate	10.372	69	508528	112.30	ug/l	91
57) 1,3-Dichloropropane	10.646	76	533105	95.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	470130	638.23	ug/l	93
59) 2-Hexanone	10.694	43	1745044	637.13	ug/l	96
60) Dibromochloromethane	10.842	129	336589	96.45	ug/l	99
61) 1,2-Dibromoethane	10.946	107	321860	99.67	ug/l	100
64) Tetrachloroethene	10.571	164	252045	84.85	ug/l	99
65) Chlorobenzene	11.375	112	824922	89.51	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	304178	89.66	ug/l	99
67) Ethyl Benzene	11.453	91	1541167	96.17	ug/l	98
68) m/p-Xylenes	11.563	106	1153364	194.08	ug/l	98
69) o-Xylene	11.890	106	564943	97.71	ug/l	98
70) Styrene	11.906	104	971331	103.55	ug/l	98
71) Bromoform	12.073	173	262592	101.75	ug/l #	99
73) Isopropylbenzene	12.193	105	1511622	96.04	ug/l	99
74) N-amyl acetate	12.016	43	588818	110.46	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.448	83	493180	86.47	ug/l	97
76) 1,2,3-Trichloropropane	12.496	75	482036m	98.54	ug/l	
77) Bromobenzene	12.469	156	373200	93.94	ug/l	89
78) n-propylbenzene	12.534	91	1786182	99.62	ug/l	98
79) 2-Chlorotoluene	12.617	91	1056324	95.84	ug/l	97
80) 1,3,5-Trimethylbenzene	12.679	105	1290768	96.38	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	160298	106.85	ug/l	99
82) 4-Chlorotoluene	12.716	91	1094574	99.73	ug/l	97
83) tert-Butylbenzene	12.936	119	1067401	96.19	ug/l	98
84) 1,2,4-Trimethylbenzene	12.984	105	1269862	101.21	ug/l	99
85) sec-Butylbenzene	13.116	105	1483201	99.26	ug/l	99
86) p-Isopropyltoluene	13.234	119	1295939	104.04	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	646545	93.73	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	654668	88.20	ug/l	99
89) n-Butylbenzene	13.558	91	1138364	100.28	ug/l	99
90) Hexachloroethane	13.816	117	249503	90.02	ug/l	94
91) 1,2-Dichlorobenzene	13.596	146	623280	91.10	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.215	75	88281	104.70	ug/l	94
93) 1,2,4-Trichlorobenzene	14.851	180	372723	97.82	ug/l	99
94) Hexachlorobutadiene	14.950	225	182321	83.99	ug/l	99
95) Naphthalene	15.071	128	995652	109.16	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	352572	96.73	ug/l	99

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

