

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066606.D
 Acq On : 15 Apr 2021 11:19
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 1:10:27 PM

Quant Time: Apr 15 12:28:38 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	213471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	354179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	335464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	155398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	64796	20.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	41.46%#		
35) Dibromofluoromethane	7.510	113	48589	20.20	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	40.40%#		
50) Toluene-d8	10.029	98	191771	20.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	41.18%#		
62) 4-Bromofluorobenzene	12.346	95	67190	19.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	39.64%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.833	85	51710	18.83	ug/l	98
3) Chloromethane	2.031	50	73040	19.53	ug/l	97
4) Vinyl Chloride	2.160	62	64716	18.82	ug/l	99
5) Bromomethane	2.495	94	42868	21.57	ug/l	100
6) Chloroethane	2.645	64	37917	16.85	ug/l	99
7) Trichlorofluoromethane	2.962	101	73260	16.72	ug/l	99
8) Diethyl Ether	3.353	74	30457	19.38	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.689	101	43109	18.59	ug/l	98
10) Methyl Iodide	3.882	142	63432	19.75	ug/l	99
11) Tert butyl alcohol	4.713	59	52255	112.55	ug/l	99
12) 1,1-Dichloroethene	3.667	96	43663	19.37	ug/l	91
13) Acrolein	3.544	56	27602	100.61	ug/l	98
14) Allyl chloride	4.241	41	92266	20.73	ug/l	95
15) Acrylonitrile	4.893	53	145827	107.31	ug/l	99
16) Acetone	3.750	43	123198	101.90	ug/l	94
17) Carbon Disulfide	3.978	76	137878	18.96	ug/l	98
18) Methyl Acetate	4.249	43	69896	20.86	ug/l	93
19) Methyl tert-butyl Ether	4.952	73	155648	19.37	ug/l	96
20) Methylene Chloride	4.466	84	56482	18.24	ug/l	94
21) trans-1,2-Dichloroethene	4.947	96	47867	18.78	ug/l	88
22) Diisopropyl ether	5.864	45	188495	19.12	ug/l	94
23) Vinyl Acetate	5.805	43	801080	102.90	ug/l	95
24) 1,1-Dichloroethane	5.756	63	99495	18.55	ug/l	98
25) 2-Butanone	6.746	43	190912	107.25	ug/l	93
26) 2,2-Dichloropropane	6.730	77	78509	18.15	ug/l	98
27) cis-1,2-Dichloroethene	6.738	96	56142	18.99	ug/l	89
28) Bromochloromethane	7.108	49	48378	18.47	ug/l #	79
29) Tetrahydrofuran	7.127	42	132695	111.57	ug/l	91
30) Chloroform	7.291	83	93875	18.34	ug/l	100
31) Cyclohexane	7.575	56	89265	18.51	ug/l	92
32) 1,1,1-Trichloroethane	7.489	97	77855	18.29	ug/l	96
36) 1,1-Dichloropropene	7.714	75	69044	18.44	ug/l	97
37) Ethyl Acetate	6.843	43	85413	21.81	ug/l #	90
38) Carbon Tetrachloride	7.696	117	64527	17.87	ug/l	99
39) Methylcyclohexane	9.015	83	77912	18.22	ug/l	90
40) Benzene	7.966	78	223162	18.64	ug/l	98

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41) Methacrylonitrile	7.103	41	42901m	23.30	ug/l	
42) 1,2-Dichloroethane	8.050	62	76252	18.44	ug/l	99
43) Isopropyl Acetate	8.092	43	133683	19.96	ug/l #	87
44) Trichloroethene	8.768	130	50453	18.37	ug/l	100
45) 1,2-Dichloropropane	9.050	63	61510	18.54	ug/l	100
46) Dibromomethane	9.141	93	36960	18.83	ug/l	96
47) Bromodichloromethane	9.340	83	77644	18.67	ug/l	98
48) Methyl methacrylate	9.136	41	62318	20.52	ug/l	90
49) 1,4-Dioxane	9.138	88	20285	432.46	ug/l #	88
51) 4-Methyl-2-Pentanone	9.922	43	413179	109.14	ug/l	95
52) Toluene	10.093	92	134618	19.27	ug/l	100
53) t-1,3-Dichloropropene	10.321	75	84499	19.14	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	91796	19.03	ug/l #	90
55) 1,1,2-Trichloroethane	10.501	97	54574	19.14	ug/l	96
56) Ethyl methacrylate	10.369	69	76538	19.74	ug/l	89
57) 1,3-Dichloropropane	10.646	76	91340	19.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.632	63	63644	100.93	ug/l	92
59) 2-Hexanone	10.694	43	271945	115.99	ug/l	95
60) Dibromochloromethane	10.841	129	57022	19.09	ug/l	98
61) 1,2-Dibromoethane	10.946	107	54362	19.67	ug/l	100
64) Tetrachloroethene	10.571	164	45145	18.42	ug/l	99
65) Chlorobenzene	11.375	112	140837	18.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	52044	18.60	ug/l	98
67) Ethyl Benzene	11.453	91	250794	18.97	ug/l	98
68) m/p-Xylenes	11.566	106	187418	38.23	ug/l	96
69) o-Xylene	11.890	106	92183	19.33	ug/l	98
70) Styrene	11.909	104	145875	18.85	ug/l	97
71) Bromoform	12.073	173	41682	19.58	ug/l #	100
73) Isopropylbenzene	12.193	105	242877	20.32	ug/l	99
74) N-amyl acetate	12.027	43	40244	9.94	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.448	83	89185	20.59	ug/l	98
76) 1,2,3-Trichloropropane	12.499	75	72500m	19.51	ug/l	
77) Bromobenzene	12.469	156	59947	19.87	ug/l	91
78) n-propylbenzene	12.537	91	275649	20.24	ug/l	98
79) 2-Chlorotoluene	12.617	91	171958	20.54	ug/l	97
80) 1,3,5-Trimethylbenzene	12.679	105	206296	20.28	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.247	75	21496	18.86	ug/l	97
82) 4-Chlorotoluene	12.716	91	168787	20.25	ug/l	96
83) tert-Butylbenzene	12.936	119	168836	20.03	ug/l	98
84) 1,2,4-Trimethylbenzene	12.984	105	192742	20.23	ug/l	99
85) sec-Butylbenzene	13.116	105	226669	19.97	ug/l	99
86) p-Isopropyltoluene	13.234	119	192215	20.32	ug/l	99
87) 1,3-Dichlorobenzene	13.228	146	100990	19.28	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	100708	17.86	ug/l	98
89) n-Butylbenzene	13.561	91	153374	17.79	ug/l	97
90) Hexachloroethane	13.816	117	39551	18.79	ug/l	95
91) 1,2-Dichlorobenzene	13.599	146	101186	19.47	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.218	75	14517	22.67	ug/l	88
93) 1,2,4-Trichlorobenzene	14.854	180	53787	18.58	ug/l	97
94) Hexachlorobutadiene	14.948	225	30072	18.24	ug/l	98
95) Naphthalene	15.074	128	145807	21.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	54272	19.60	ug/l	97

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

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