

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066698.D
 Acq On : 21 Apr 2021 14:24
 Operator : JC/MD
 Sample : VSTDIC040
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC040

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 5:29:17 PM

Quant Time: Apr 21 14:41:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 21 13:33:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	296674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	469416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	441404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	217026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	143199	38.82	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	77.64%		
35) Dibromofluoromethane	7.510	113	118825	39.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	79.92%		
50) Toluene-d8	10.029	98	466711	39.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	79.90%		
62) 4-Bromofluorobenzene	12.343	95	170424	42.14	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	136679	41.07	ug/l	98
3) Chloromethane	2.034	50	185123	39.07	ug/l	100
4) Vinyl Chloride	2.163	62	172193	39.59	ug/l	99
5) Bromomethane	2.506	94	103437	48.53	ug/l	96
6) Chloroethane	2.653	64	102440	41.17	ug/l	100
7) Trichlorofluoromethane	2.970	101	186730	40.54	ug/l	99
8) Diethyl Ether	3.356	74	80682	41.67	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.694	101	116020	40.42	ug/l	99
10) Methyl Iodide	3.884	142	180000	39.51	ug/l	98
11) Tert butyl alcohol	4.702	59	98881	42.96	ug/l #	85
12) 1,1-Dichloroethene	3.673	96	118700	40.73	ug/l	96
13) Acrolein	3.544	56	93288	35.48	ug/l	99
14) Allyl chloride	4.244	41	228254	40.28	ug/l	94
15) Acrylonitrile	4.893	53	329591	42.14	ug/l	99
16) Acetone	3.753	43	271652	40.77	ug/l	98
17) Carbon Disulfide	3.984	76	363279	39.47	ug/l	99
18) Methyl Acetate	4.249	43	145271	38.30	ug/l	97
19) Methyl tert-butyl Ether	4.955	73	398414	41.95	ug/l	96
20) Methylene Chloride	4.469	84	144751	38.51	ug/l	96
21) trans-1,2-Dichloroethene	4.952	96	128685	40.35	ug/l	91
22) Diisopropyl ether	5.861	45	468090	41.63	ug/l	93
23) Vinyl Acetate	5.805	43	1928128	42.55	ug/l	97
24) 1,1-Dichloroethane	5.756	63	251316	40.18	ug/l	98
25) 2-Butanone	6.746	43	410078	41.74	ug/l	95
26) 2,2-Dichloropropane	6.733	77	207858	40.43	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	149689	41.40	ug/l	94
28) Bromochloromethane	7.111	49	119484	40.45	ug/l	87
29) Tetrahydrofuran	7.127	42	282839	42.45	ug/l	94
30) Chloroform	7.291	83	238333	40.58	ug/l	96
31) Cyclohexane	7.578	56	233023	39.12	ug/l	94
32) 1,1,1-Trichloroethane	7.492	97	200474	40.49	ug/l	98
36) 1,1-Dichloropropene	7.717	75	181035	41.44	ug/l	99
37) Ethyl Acetate	6.843	43	183081	39.74	ug/l	99
38) Carbon Tetrachloride	7.698	117	169087	40.17	ug/l	99
39) Methylcyclohexane	9.015	83	219258	42.58	ug/l	93
40) Benzene	7.966	78	576512	40.74	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.081	41	74319	37.01	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	182174	40.73	ug/l	99
43) Isopropyl Acetate	8.092	43	303771	41.34	ug/l #	91
44) Trichloroethene	8.768	130	138300	40.88	ug/l	100
45) 1,2-Dichloropropane	9.053	63	156110	40.38	ug/l	97
46) Dibromomethane	9.144	93	92902	40.99	ug/l	99
47) Bromodichloromethane	9.337	83	193970	41.03	ug/l	100
48) Methyl methacrylate	9.136	41	140134	42.53	ug/l	91
49) 1,4-Dioxane	9.133	88	38285	52.50	ug/l	93
51) 4-Methyl-2-Pentanone	9.922	43	881120	43.18	ug/l	98
52) Toluene	10.093	92	349152	42.18	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	213715	42.52	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	238259	41.91	ug/l	98
55) 1,1,2-Trichloroethane	10.501	97	137686	41.80	ug/l	97
56) Ethyl methacrylate	10.369	69	196089	45.47	ug/l	95
57) 1,3-Dichloropropane	10.646	76	230326	41.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	168005	48.30	ug/l	95
59) 2-Hexanone	10.691	43	583343	48.05	ug/l	98
60) Dibromochloromethane	10.841	129	148512	42.20	ug/l	99
61) 1,2-Dibromoethane	10.946	107	139476	42.96	ug/l	100
64) Tetrachloroethene	10.571	164	123136	40.35	ug/l	97
65) Chlorobenzene	11.375	112	375625	41.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.450	131	136273	41.03	ug/l	99
67) Ethyl Benzene	11.453	91	669204	43.08	ug/l	98
68) m/p-Xylenes	11.563	106	507281	44.18	ug/l	98
69) o-Xylene	11.890	106	247126	43.88	ug/l	100
70) Styrene	11.906	104	404857	45.70	ug/l	99
71) Bromoform	12.073	173	110717	44.14	ug/l #	99
73) Isopropylbenzene	12.193	105	651141	42.37	ug/l	100
74) N-amyl acetate	12.022	43	149470	35.07	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.448	83	204888	38.99	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	182583m	40.18	ug/l	
77) Bromobenzene	12.467	156	165354	41.21	ug/l	97
78) n-propylbenzene	12.534	91	752035	43.84	ug/l	99
79) 2-Chlorotoluene	12.617	91	453327	41.14	ug/l	100
80) 1,3,5-Trimethylbenzene	12.676	105	553587	42.30	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.244	75	56146	40.65	ug/l	98
82) 4-Chlorotoluene	12.716	91	449621	41.12	ug/l	99
83) tert-Butylbenzene	12.936	119	466134	39.63	ug/l	99
84) 1,2,4-Trimethylbenzene	12.982	105	533636	42.70	ug/l	97
85) sec-Butylbenzene	13.113	105	627139	42.77	ug/l	100
86) p-Isopropyltoluene	13.231	119	539579	42.38	ug/l	99
87) 1,3-Dichlorobenzene	13.226	146	279208	41.22	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	284713	40.19	ug/l	100
89) n-Butylbenzene	13.558	91	429664	40.55	ug/l	99
90) Hexachloroethane	13.816	117	107576	38.53	ug/l	90
91) 1,2-Dichlorobenzene	13.596	146	273168	40.06	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.218	75	33077	35.39	ug/l	96
93) 1,2,4-Trichlorobenzene	14.851	180	153309	40.65	ug/l	98
94) Hexachlorobutadiene	14.948	225	83010	39.94	ug/l	99
95) Naphthalene	15.071	128	387681	42.72	ug/l	99
96) 1,2,3-Trichlorobenzene	15.248	180	149712	41.72	ug/l	98

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

