

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065593.D
 Acq On : 26 Jan 2021 9:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/27/2021 11:12:47 AM

Quant Time: Jan 27 03:24:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	158248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	282302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	250768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	106803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	96769	46.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.96%		
35) Dibromofluoromethane	7.547	113	79932	47.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.56%		
50) Toluene-d8	10.055	98	313145	47.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.24%		
62) 4-Bromofluorobenzene	12.370	95	115287	48.69	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.38%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	89763	50.64	ug/l	99
3) Chloromethane	2.036	50	130556	50.12	ug/l	99
4) Vinyl Chloride	2.168	62	129332	49.03	ug/l	100
5) Bromomethane	2.541	94	76666	50.21	ug/l	96
6) Chloroethane	2.679	64	77006	50.46	ug/l	99
7) Trichlorofluoromethane	2.994	101	136098	49.35	ug/l	98
8) Diethyl Ether	3.377	74	65797	50.05	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.717	101	86143	51.48	ug/l	94
10) Methyl Iodide	3.907	142	120875	49.28	ug/l	98
11) Tert butyl alcohol	4.762	59	95976	246.11	ug/l	99
12) 1,1-Dichloroethene	3.698	96	90766	47.12	ug/l	94
13) Acrolein	3.570	56	86173	255.28	ug/l	98
14) Allyl chloride	4.270	41	184488	51.66	ug/l	91
15) Acrylonitrile	4.933	53	260222	256.14	ug/l	99
16) Acetone	3.782	43	230016	283.80	ug/l	100
17) Carbon Disulfide	4.004	76	280469	46.24	ug/l	97
18) Methyl Acetate	4.280	43	112253	49.43	ug/l	96
19) Methyl tert-butyl Ether	4.994	73	324393	50.44	ug/l	98
20) Methylene Chloride	4.499	84	107927	48.09	ug/l	95
21) trans-1,2-Dichloroethene	4.984	96	98785	48.25	ug/l	88
22) Diisopropyl ether	5.904	45	374912	51.36	ug/l	94
23) Vinyl Acetate	5.843	43	1524107	261.37	ug/l	97
24) 1,1-Dichloroethane	5.795	63	197293	50.70	ug/l	97
25) 2-Butanone	6.791	43	345765	272.08	ug/l	94
26) 2,2-Dichloropropane	6.772	77	158016	50.74	ug/l	98
27) cis-1,2-Dichloroethene	6.778	96	116722	49.75	ug/l	91
28) Bromochloromethane	7.148	49	77695	47.52	ug/l #	80
29) Tetrahydrofuran	7.171	42	226330	245.54	ug/l	95
30) Chloroform	7.325	83	180328	50.31	ug/l	99
31) Cyclohexane	7.608	56	188434	48.13	ug/l	93
32) 1,1,1-Trichloroethane	7.524	97	143958	49.34	ug/l	97
36) 1,1-Dichloropropene	7.749	75	144546	50.88	ug/l	97
37) Ethyl Acetate	6.885	43	144756	53.11	ug/l	99
38) Carbon Tetrachloride	7.730	117	120095	51.35	ug/l	99
39) Methylcyclohexane	9.042	83	178748	51.57	ug/l	93
40) Benzene	7.997	78	442515	51.01	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.119	41	71060	48.56	ug/l #	100
42) 1,2-Dichloroethane	8.084	62	136989	52.38	ug/l	99
43) Isopropyl Acetate	8.126	43	245059	50.71	ug/l	92
44) Trichloroethene	8.798	130	106948	50.81	ug/l	95
45) 1,2-Dichloropropane	9.081	63	124398	52.11	ug/l	99
46) Dibromomethane	9.171	93	68908	52.26	ug/l	91
47) Bromodichloromethane	9.367	83	146611	51.83	ug/l	100
48) Methyl methacrylate	9.164	41	119891	52.30	ug/l	90
49) 1,4-Dioxane	9.174	88	38496	1037.69	ug/l	91
51) 4-Methyl-2-Pentanone	9.949	43	693109	260.16	ug/l	100
52) Toluene	10.119	92	265706	51.70	ug/l	98
53) t-1,3-Dichloropropene	10.347	75	173964	52.81	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	194672	53.05	ug/l	99
55) 1,1,2-Trichloroethane	10.527	97	101576	51.82	ug/l	96
56) Ethyl methacrylate	10.396	69	170037	52.46	ug/l	94
57) 1,3-Dichloropropane	10.675	76	179057	51.90	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.659	63	390626	260.94	ug/l	93
59) 2-Hexanone	10.720	43	496709	268.55	ug/l	100
60) Dibromochloromethane	10.868	129	103344	51.59	ug/l	98
61) 1,2-Dibromoethane	10.974	107	101326	51.87	ug/l	100
64) Tetrachloroethene	10.598	164	100861	47.99	ug/l	94
65) Chlorobenzene	11.402	112	266849	50.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	94287	50.84	ug/l	99
67) Ethyl Benzene	11.479	91	504208	51.16	ug/l	97
68) m/p-Xylenes	11.592	106	367164	102.91	ug/l	96
69) o-Xylene	11.916	106	176160	50.95	ug/l	96
70) Styrene	11.933	104	296898	52.17	ug/l	98
71) Bromoform	12.097	173	67078	52.32	ug/l #	98
73) Isopropylbenzene	12.219	105	466713	49.91	ug/l	99
74) N-amyl acetate	12.039	43	207484	52.45	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.476	83	136113	49.28	ug/l	99
76) 1,2,3-Trichloropropane	12.524	75	135336m	48.46	ug/l	
77) Bromobenzene	12.495	156	100705	49.74	ug/l	75
78) n-propylbenzene	12.560	91	550211	49.93	ug/l	97
79) 2-Chlorotoluene	12.643	91	320026	48.89	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	391856	49.22	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	55396	50.80	ug/l	91
82) 4-Chlorotoluene	12.743	91	331760	49.65	ug/l	95
83) tert-Butylbenzene	12.965	119	324081	48.81	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	391008	49.24	ug/l	99
85) sec-Butylbenzene	13.141	105	443365	49.46	ug/l	98
86) p-Isopropyltoluene	13.260	119	400651	50.62	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	182437	50.54	ug/l	96
88) 1,4-Dichlorobenzene	13.334	146	179428	48.99	ug/l	97
89) n-Butylbenzene	13.585	91	370972	52.18	ug/l	99
90) Hexachloroethane	13.846	117	70373	50.82	ug/l	94
91) 1,2-Dichlorobenzene	13.624	146	178772	49.92	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	27835	50.79	ug/l	86
93) 1,2,4-Trichlorobenzene	14.878	180	105552	48.73	ug/l	100
94) Hexachlorobutadiene	14.977	225	44305	50.04	ug/l	99
95) Naphthalene	15.100	128	324821	47.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	102864	48.23	ug/l	99

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

