

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062484.D
 Acq On : 10 Jul 2020 10:41
 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
 7/13/2020 11:19:02 AM

Quant Time: Jul 11 02:16:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	199772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	342513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	148379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	146189	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
35) Dibromofluoromethane	7.54	113	103269	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
50) Toluene-d8	10.06	98	399634	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.37	95	148737	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	90930	44.686	ug/l	97
3) Chloromethane	2.03	50	141177	43.239	ug/l	98
4) Vinyl Chloride	2.16	62	117334	43.863	ug/l	99
5) Bromomethane	2.52	94	61434	42.761	ug/l	99
6) Chloroethane	2.66	64	74016	47.507	ug/l	96
7) Trichlorofluoromethane	2.98	101	159989	47.092	ug/l	100
8) Diethyl Ether	3.37	74	76955	50.656	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	96861	48.095	ug/l	99
10) Methyl Iodide	3.91	142	115034	43.258	ug/l	99
11) Tert butyl alcohol	4.73	59	136373	267.547	ug/l	99
12) 1,1-Dichloroethene	3.69	96	94489	46.082	ug/l	98
13) Acrolein	3.56	56	105454	286.795	ug/l	100
14) Allyl chloride	4.27	41	227041	47.080	ug/l	98
15) Acrylonitrile	4.92	53	354578	265.241	ug/l	100
16) Acetone	3.77	43	328144	251.537	ug/l	97
17) Carbon Disulfide	4.00	76	277054	43.120	ug/l	100
18) Methyl Acetate	4.27	43	164310	50.470	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	404790	52.070	ug/l	100
20) Methylene Chloride	4.50	84	127697	45.782	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	106847	48.100	ug/l	95
22) Diisopropyl ether	5.90	45	478654	50.239	ug/l	97
23) Vinyl Acetate	5.84	43	2036136	257.984	ug/l	100
24) 1,1-Dichloroethane	5.80	63	237109	48.161	ug/l	100
25) 2-Butanone	6.78	43	495527	260.089	ug/l	98
26) 2,2-Dichloropropane	6.77	77	184733	48.937	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	127675	49.622	ug/l	99
28) Bromochloromethane	7.15	49	130535	48.802	ug/l	96
29) Tetrahydrofuran	7.16	42	327387	255.233	ug/l	99
30) Chloroform	7.33	83	220964	49.708	ug/l	98
31) Cyclohexane	7.61	56	201102	43.087	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	175490	47.461	ug/l	99
36) 1,1-Dichloropropene	7.75	75	161549	46.815	ug/l	99
37) Ethyl Acetate	6.88	43	201610	49.965	ug/l	100
38) Carbon Tetrachloride	7.73	117	148712	47.935	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	179708	48.780	ug/l	97
40) Benzene	8.00	78	500845	49.246	ug/l	99
41) Methacrylonitrile	7.12	41	94994	56.348	ug/l	95
42) 1,2-Dichloroethane	8.08	62	193528	51.969	ug/l	99
43) Isopropyl Acetate	8.12	43	335588	52.648	ug/l	98
44) Trichloroethene	8.80	130	109548	48.548	ug/l	98
45) 1,2-Dichloropropane	9.08	63	150219	50.881	ug/l	98
46) Dibromomethane	9.17	93	85610	51.384	ug/l	98
47) Bromodichloromethane	9.37	83	182816	51.323	ug/l	100
48) Methyl methacrylate	9.17	41	161943	51.793	ug/l	98
49) 1,4-Dioxane	9.16	88	47823	1050.815	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1012902	266.049	ug/l	99
52) Toluene	10.12	92	294351	50.107	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	214989	53.872	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	227996	51.780	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	123247	53.344	ug/l	96
56) Ethyl methacrylate	10.40	69	215837	50.735	ug/l	96
57) 1,3-Dichloropropane	10.68	76	225024	52.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	377270	275.240	ug/l	98
59) 2-Hexanone	10.72	43	743381	268.959	ug/l	99
60) Dibromochloromethane	10.87	129	131794	52.609	ug/l	98
61) 1,2-Dibromoethane	10.98	107	125771	53.925	ug/l	99
64) Tetrachloroethene	10.60	164	89545	47.873	ug/l	99
65) Chlorobenzene	11.40	112	310775	50.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	116218	51.443	ug/l	98
67) Ethyl Benzene	11.48	91	574288	49.941	ug/l	99
68) m/p-Xylenes	11.59	106	413824	101.655	ug/l	99
69) o-Xylene	11.92	106	204110	51.497	ug/l	98
70) Styrene	11.94	104	350164	53.455	ug/l	100
71) Bromoform	12.10	173	91359	55.164	ug/l #	98
73) Isopropylbenzene	12.22	105	536814	46.753	ug/l	99
74) N-amyl acetate	12.04	43	292419	52.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	194120	50.282	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	165511m	45.461	ug/l	
77) Bromobenzene	12.50	156	128645	49.284	ug/l	96
78) n-propylbenzene	12.56	91	643103	47.950	ug/l	100
79) 2-Chlorotoluene	12.65	91	387717	47.630	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	462610	49.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	68725	50.525	ug/l	98
82) 4-Chlorotoluene	12.75	91	397815	48.138	ug/l	99
83) tert-Butylbenzene	12.97	119	367815	46.047	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	456716	48.816	ug/l	98
85) sec-Butylbenzene	13.15	105	503867	47.603	ug/l	100
86) p-Isopropyltoluene	13.26	119	449905	49.248	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	226738	50.351	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	225209	48.604	ug/l	98
89) n-Butylbenzene	13.59	91	395381	49.016	ug/l	100
90) Hexachloroethane	13.85	117	86106	47.915	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	221759	50.933	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	36026	51.135	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	110398	46.547	ug/l	99
94) Hexachlorobutadiene	14.98	225	57943	50.122	ug/l	99
95) Naphthalene	15.10	128	298505	52.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	111707	47.800	ug/l	99

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

