

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060335.D
 Acq On : 3 Mar 2020 17:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 10:43:40 AM

Quant Time: Mar 04 02:50:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	375765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	352036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173354	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	139551	47.75	ug/l	0.00
Spiked Amount						
			Recovery	=	95.50%	
35) Dibromofluoromethane	7.57	113	81068	46.48	ug/l	0.00
Spiked Amount						
			Recovery	=	92.96%	
50) Toluene-d8	10.08	98	413742	46.87	ug/l	0.00
Spiked Amount						
			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	12.40	95	160809	48.06	ug/l	0.00
Spiked Amount						
			Recovery	=	96.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	97589	46.723	ug/l	100
3) Chloromethane	2.04	50	186627	51.321	ug/l	98
4) Vinyl Chloride	2.16	62	141417	45.346	ug/l	98
5) Bromomethane	2.54	94	52691	41.569	ug/l	100
6) Chloroethane	2.68	64	82706	48.947	ug/l	95
7) Trichlorofluoromethane	3.00	101	183120	45.958	ug/l	100
8) Diethyl Ether	3.38	74	73119	48.603	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	103126	45.732	ug/l	99
10) Methyl Iodide	3.93	142	97246	47.251	ug/l	100
11) Tert butyl alcohol	4.73	59	95952	221.086	ug/l	99
12) 1,1-Dichloroethene	3.72	96	105829	48.352	ug/l	99
13) Acrolein	3.58	56	95882	236.812	ug/l	99
14) Allyl chloride	4.30	41	179248	44.419	ug/l	93
15) Acrylonitrile	4.94	53	293160	256.270	ug/l	98
16) Acetone	3.78	43	238024	252.178	ug/l	100
17) Carbon Disulfide	4.03	76	269004	46.264	ug/l	100
18) Methyl Acetate	4.29	43	143171	45.453	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	385057	48.458	ug/l	99
20) Methylene Chloride	4.52	84	119811	46.220	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	111408	47.356	ug/l	96
22) Diisopropyl ether	5.92	45	401932	49.172	ug/l	100
23) Vinyl Acetate	5.86	43	1601398	246.547	ug/l	99
24) 1,1-Dichloroethane	5.82	63	219538	47.447	ug/l	100
25) 2-Butanone	6.80	43	379519	248.934	ug/l	100
26) 2,2-Dichloropropane	6.80	77	193294	45.888	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	132827	44.191	ug/l	100
28) Bromochloromethane	7.17	49	91754	48.298	ug/l	98
29) Tetrahydrofuran	7.18	42	257579	242.963	ug/l	100
30) Chloroform	7.35	83	216931	47.097	ug/l	99
31) Cyclohexane	7.63	56	189399	47.911	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	192948	47.279	ug/l	99
36) 1,1-Dichloropropene	7.77	75	160116	44.710	ug/l	99
37) Ethyl Acetate	6.90	43	165363	48.766	ug/l	100
38) Carbon Tetrachloride	7.75	117	158948	45.586	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	188677	44.684	ug/l	99
40) Benzene	8.02	78	482640	46.304	ug/l	100
41) Methacrylonitrile	7.15	41	77115m	49.252	ug/l	
42) 1,2-Dichloroethane	8.10	62	172227	45.789	ug/l	99
43) Isopropyl Acetate	8.14	43	285895	48.159	ug/l	99
44) Trichloroethene	8.82	130	130044	44.797	ug/l	100
45) 1,2-Dichloropropane	9.10	63	132462	48.606	ug/l	99
46) Dibromomethane	9.19	93	82260	46.519	ug/l	98
47) Bromodichloromethane	9.39	83	173476	48.235	ug/l	99
48) Methyl methacrylate	9.18	41	128041	47.298	ug/l	98
49) 1,4-Dioxane	9.18	88	30809	809.287	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	831775	247.120	ug/l	100
52) Toluene	10.14	92	304023	46.433	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	202930	46.049	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	213199	46.689	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	121663	46.206	ug/l	98
56) Ethyl methacrylate	10.42	69	192351	50.849	ug/l	98
57) 1,3-Dichloropropane	10.70	76	207251	48.265	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	465370	235.222	ug/l	100
59) 2-Hexanone	10.74	43	601769	243.502	ug/l	99
60) Dibromochloromethane	10.89	129	130292	48.658	ug/l	99
61) 1,2-Dibromoethane	11.00	107	123189	47.994	ug/l	98
64) Tetrachloroethene	10.62	164	132166	47.616	ug/l	99
65) Chlorobenzene	11.43	112	319282	44.916	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	123338	46.926	ug/l	99
67) Ethyl Benzene	11.51	91	595416	45.995	ug/l	99
68) m/p-Xylenes	11.62	106	440375	90.165	ug/l	99
69) o-Xylene	11.94	106	215463	46.262	ug/l	100
70) Styrene	11.96	104	362425	47.330	ug/l	100
71) Bromoform	12.12	173	93086	49.141	ug/l #	98
73) Isopropylbenzene	12.25	105	583352	45.401	ug/l	100
74) N-amyl acetate	12.07	43	265205	47.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	168043	48.114	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	163935m	43.102	ug/l	
77) Bromobenzene	12.52	156	171516	54.457	ug/l	80
78) n-propylbenzene	12.59	91	691914	45.940	ug/l	100
79) 2-Chlorotoluene	12.67	91	402899	45.509	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	503264	46.521	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	66481	48.251	ug/l #	85
82) 4-Chlorotoluene	12.77	91	416746	44.679	ug/l	99
83) tert-Butylbenzene	12.99	119	426638	45.550	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	502182	45.991	ug/l	100
85) sec-Butylbenzene	13.17	105	575460	45.881	ug/l	100
86) p-Isopropyltoluene	13.29	119	518470	44.662	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	255563	47.211	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	255217	47.409	ug/l	100
89) n-Butylbenzene	13.61	91	486721	45.673	ug/l	99
90) Hexachloroethane	13.87	117	72546	43.173	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	250037	45.306	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36059	45.591	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	166349	47.441	ug/l	100
94) Hexachlorobutadiene	15.01	225	77940	48.331	ug/l	99
95) Naphthalene	15.13	128	487860	47.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	158338	47.936	ug/l	100

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

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Operator : JC/MD
Sample : VSTDC0050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC

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