

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052328.D
 Acq On : 14 Nov 2018 22:02
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 2:53:29 PM

Quant Time: Nov 15 03:54:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	268014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	451027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	407856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	190720	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.59	113	147470	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.09	98	574671	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	197464	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	145766	51.325	ug/l	98
3) Chloromethane	2.06	50	199740	50.608	ug/l	99
4) Vinyl Chloride	2.19	62	169729	49.750	ug/l	99
5) Bromomethane	2.57	94	97425	45.806	ug/l	98
6) Chloroethane	2.71	64	93130	48.280	ug/l	100
7) Trichlorofluoromethane	3.02	101	236466	50.088	ug/l	97
8) Diethyl Ether	3.41	74	90176	50.117	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	142679	47.856	ug/l	99
10) Methyl Iodide	3.96	142	200889	50.184	ug/l	99
11) Tert butyl alcohol	4.78	59	45488	227.545	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	131823	47.780	ug/l	99
13) Acrolein	3.61	56	70289	234.584	ug/l	98
14) Allyl chloride	4.33	41	280042	49.433	ug/l	99
15) Acrylonitrile	4.99	53	286067	250.606	ug/l	99
16) Acetone	3.82	43	222668	213.644	ug/l	95
17) Carbon Disulfide	4.06	76	385897	48.778	ug/l	98
18) Methyl Acetate	4.33	43	144360	49.434	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	405179	51.104	ug/l	99
20) Methylene Chloride	4.55	84	162280	51.197	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	144940	48.794	ug/l	99
22) Diisopropyl ether	5.95	45	588446	50.909	ug/l	100
23) Vinyl Acetate	5.90	43	2051092	261.583	ug/l	100
24) 1,1-Dichloroethane	5.85	63	300778	48.528	ug/l	99
25) 2-Butanone	6.83	43	354009	241.311	ug/l	98
26) 2,2-Dichloropropane	6.83	77	211306	46.364	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	164496	47.570	ug/l	97
28) Bromochloromethane	7.20	49	155144	48.682	ug/l	100
29) Tetrahydrofuran	7.21	42	247542	256.859	ug/l	99
30) Chloroform	7.37	83	299881	50.769	ug/l	98
31) Cyclohexane	7.65	56	284012	49.340	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	246048	48.898	ug/l	99
36) 1,1-Dichloropropene	7.80	75	223493	49.438	ug/l	99
37) Ethyl Acetate	6.93	43	164987	50.288	ug/l	97
38) Carbon Tetrachloride	7.78	117	214874	51.736	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	258132	50.019	ug/l	99
40) Benzene	8.04	78	646861	50.088	ug/l	99
41) Methacrylonitrile	7.18	41	93553	51.243	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	232232	50.428	ug/l	100
43) Isopropyl Acetate	8.17	43	313295	49.487	ug/l	97
44) Trichloroethene	8.83	130	160202	50.359	ug/l	98
45) 1,2-Dichloropropane	9.12	63	182045	49.670	ug/l	99
46) Dibromomethane	9.21	93	105893	49.909	ug/l	98
47) Bromodichloromethane	9.40	83	224944	51.664	ug/l	98
48) Methyl methacrylate	9.20	41	160120	49.844	ug/l	99
49) 1,4-Dioxane	9.20	88	23182	940.062	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	844932	265.136	ug/l	99
52) Toluene	10.16	92	396475	51.319	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	224952	51.228	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	258515	51.643	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	140902	50.310	ug/l	96
56) Ethyl methacrylate	10.43	69	196754	53.419	ug/l	99
57) 1,3-Dichloropropane	10.71	76	252161	50.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	569539	271.604	ug/l	100
59) 2-Hexanone	10.75	43	567496	258.898	ug/l	100
60) Dibromochloromethane	10.90	129	155803	51.418	ug/l	99
61) 1,2-Dibromoethane	11.00	107	141363	50.672	ug/l	99
64) Tetrachloroethene	10.63	164	139250	48.024	ug/l	98
65) Chlorobenzene	11.43	112	426402	49.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	150826	51.304	ug/l	99
67) Ethyl Benzene	11.51	91	763742	51.043	ug/l	99
68) m/p-Xylenes	11.62	106	569367	104.145	ug/l	99
69) o-Xylene	11.95	106	275054	52.485	ug/l	98
70) Styrene	11.96	104	446737	53.238	ug/l	99
71) Bromoform	12.13	173	91016	52.436	ug/l #	97
73) Isopropylbenzene	12.25	105	743778	49.236	ug/l	98
74) N-amyl acetate	12.07	43	288177	53.559	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	176580	48.355	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	156466m	49.077	ug/l	
77) Bromobenzene	12.53	156	173602	49.390	ug/l	99
78) n-propylbenzene	12.59	91	874426	49.494	ug/l	100
79) 2-Chlorotoluene	12.67	91	505918	49.019	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	603872	50.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	48707	49.551	ug/l	100
82) 4-Chlorotoluene	12.77	91	513377	48.551	ug/l	98
83) tert-Butylbenzene	12.99	119	519121	48.947	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	606883	50.323	ug/l	99
85) sec-Butylbenzene	13.17	105	725318	50.204	ug/l	99
86) p-Isopropyltoluene	13.29	119	612281	50.030	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	303101	48.555	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	301012	48.502	ug/l	98
89) n-Butylbenzene	13.61	91	540176	51.392	ug/l	100
90) Hexachloroethane	13.87	117	107303	49.503	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	294709	48.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28258	52.477	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131977	47.039	ug/l	99
94) Hexachlorobutadiene	15.01	225	66412	47.976	ug/l	98
95) Naphthalene	15.13	128	315143	47.518	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	120125	52.272	ug/l	100

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

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