

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050254.D
 Acq On : 2 Aug 2018 10:37
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:36:00 AM

Quant Time: Aug 02 15:14:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	683869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	960883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	901573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	488780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	445400	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
35) Dibromofluoromethane	7.59	113	403780	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.09	98	1505500	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.40	95	526570	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	434164	44.185	ug/l	100
3) Chloromethane	2.06	50	410560	38.438	ug/l	99
4) Vinyl Chloride	2.18	62	457513	40.675	ug/l	99
5) Bromomethane	2.56	94	282846	45.188	ug/l	98
6) Chloroethane	2.70	64	267832	39.649	ug/l	99
7) Trichlorofluoromethane	3.01	101	622844	42.745	ug/l	100
8) Diethyl Ether	3.41	74	215077	44.276	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	387470	44.221	ug/l	99
10) Methyl Iodide	3.95	142	224105	19.927	ug/l	98
11) Tert butyl alcohol	4.79	59	159938	227.815	ug/l	100
12) 1,1-Dichloroethene	3.73	96	333946	42.368	ug/l	99
13) Acrolein	3.61	56	107287	190.204	ug/l	98
14) Allyl chloride	4.32	41	555965	45.489	ug/l	98
15) Acrylonitrile	4.99	53	710573	231.989	ug/l	98
16) Acetone	3.82	43	626269	279.158	ug/l	99
17) Carbon Disulfide	4.05	76	914822	37.886	ug/l	100
18) Methyl Acetate	4.33	43	481165	55.212	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1003278	47.764	ug/l	100
20) Methylene Chloride	4.55	84	397035	46.852	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	363024	43.466	ug/l	99
22) Diisopropyl ether	5.95	45	1202855	49.636	ug/l	100
23) Vinyl Acetate	5.90	43	3922534	229.045	ug/l	100
24) 1,1-Dichloroethane	5.85	63	699124	44.118	ug/l	100
25) 2-Butanone	6.84	43	890117	244.577	ug/l	100
26) 2,2-Dichloropropane	6.82	77	596220	49.457	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	419191	46.625	ug/l	99
28) Bromochloromethane	7.19	49	334282	46.249	ug/l	99
29) Tetrahydrofuran	7.21	42	543471	231.092	ug/l	100
30) Chloroform	7.37	83	715730	44.260	ug/l	99
31) Cyclohexane	7.65	56	579684	44.101	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	612152	44.255	ug/l	100
36) 1,1-Dichloropropene	7.79	75	529467	48.909	ug/l	100
37) Ethyl Acetate	6.93	43	351327	46.547	ug/l	99
38) Carbon Tetrachloride	7.77	117	540139	47.022	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	560233	50.305	ug/l	99
40) Benzene	8.04	78	1585331	48.125	ug/l	99
41) Methacrylonitrile	7.17	41	193655	49.303	ug/l #	84
42) 1,2-Dichloroethane	8.12	62	514744	46.838	ug/l	100
43) Isopropyl Acetate	8.17	43	662180	46.476	ug/l	99
44) Trichloroethene	8.83	130	412328	46.581	ug/l	99
45) 1,2-Dichloropropane	9.12	63	429332	49.205	ug/l	99
46) Dibromomethane	9.21	93	260861	48.149	ug/l	99
47) Bromodichloromethane	9.40	83	556671	48.683	ug/l	98
48) Methyl methacrylate	9.20	41	333644	51.327	ug/l	99
49) 1,4-Dioxane	9.20	88	93149	1052.980	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1890926	254.849	ug/l	99
52) Toluene	10.16	92	995552	51.197	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	571387	52.955	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	648247	52.568	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	382005	49.528	ug/l	99
56) Ethyl methacrylate	10.43	69	491029	47.119	ug/l	100
57) 1,3-Dichloropropane	10.71	76	634743	50.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	996188	205.647	ug/l	100
59) 2-Hexanone	10.75	43	1355698	248.681	ug/l	99
60) Dibromochloromethane	10.90	129	437112	51.187	ug/l	98
61) 1,2-Dibromoethane	11.01	107	375937	49.125	ug/l	99
64) Tetrachloroethene	10.63	164	385894	44.519	ug/l	100
65) Chlorobenzene	11.44	112	1098083	48.217	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	420860	48.097	ug/l	99
67) Ethyl Benzene	11.51	91	1898854	51.906	ug/l	100
68) m/p-Xylenes	11.62	106	1473191	106.466	ug/l	100
69) o-Xylene	11.95	106	702897	53.287	ug/l	99
70) Styrene	11.96	104	1160587	49.480	ug/l	100
71) Bromoform	12.13	173	312293	49.062	ug/l #	98
73) Isopropylbenzene	12.25	105	1906754	50.300	ug/l	100
74) N-amyl acetate	12.07	43	551533	47.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	505436	49.918	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	453588m	49.935	ug/l	
77) Bromobenzene	12.53	156	485899	46.248	ug/l	99
78) n-propylbenzene	12.59	91	2227987	52.583	ug/l	100
79) 2-Chlorotoluene	12.68	91	1305496	49.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1591122	53.362	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	142603	49.794	ug/l	100
82) 4-Chlorotoluene	12.77	91	1350593	51.933	ug/l	100
83) tert-Butylbenzene	12.99	119	1375344	52.854	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1637105	54.471	ug/l	99
85) sec-Butylbenzene	13.17	105	1858189	53.444	ug/l	100
86) p-Isopropyltoluene	13.29	119	1626552	55.520	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	877286	49.256	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	857204	49.379	ug/l	100
89) n-Butylbenzene	13.62	91	1341735	55.694	ug/l	100
90) Hexachloroethane	13.88	117	299636	46.061	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	852462	47.880	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	78078	46.164	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	435894	46.401	ug/l	99
94) Hexachlorobutadiene	15.01	225	270658	49.658	ug/l	99
95) Naphthalene	15.14	128	926093	42.239	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	429656	46.864	ug/l	100

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

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