

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051286.D
 Acq On : 18 Sep 2018 8:44
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2018 2:57:05 PM

Quant Time: Sep 18 14:26:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	599180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	792676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	371003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	313952	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	317146	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.09	98	1203436	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.40	95	392431	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	289214	49.771	ug/l	99
3) Chloromethane	2.06	50	369955	49.441	ug/l	99
4) Vinyl Chloride	2.18	62	375280	47.839	ug/l	100
5) Bromomethane	2.56	94	218735	47.220	ug/l	99
6) Chloroethane	2.70	64	224050	47.874	ug/l	97
7) Trichlorofluoromethane	3.01	101	515290	47.932	ug/l	100
8) Diethyl Ether	3.41	74	168142	47.795	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	324862	48.360	ug/l	100
10) Methyl Iodide	3.95	142	317850	47.351	ug/l	100
11) Tert butyl alcohol	4.78	59	75864	211.562	ug/l	99
12) 1,1-Dichloroethene	3.73	96	290994	47.961	ug/l	99
13) Acrolein	3.61	56	92861	173.574	ug/l	97
14) Allyl chloride	4.32	41	432602	48.301	ug/l	98
15) Acrylonitrile	4.99	53	440034	234.550	ug/l	98
16) Acetone	3.81	43	346134	243.320	ug/l	100
17) Carbon Disulfide	4.05	76	883776	47.404	ug/l	99
18) Methyl Acetate	4.32	43	201183	45.390	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	723695	49.770	ug/l	98
20) Methylene Chloride	4.55	84	328530	46.095	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	314197	47.239	ug/l	99
22) Diisopropyl ether	5.95	45	888970	51.243	ug/l	100
23) Vinyl Acetate	5.90	43	2841506	252.791	ug/l	100
24) 1,1-Dichloroethane	5.85	63	562227	48.475	ug/l	99
25) 2-Butanone	6.83	43	469064	224.863	ug/l	99
26) 2,2-Dichloropropane	6.82	77	457352	48.487	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	347442	48.899	ug/l	100
28) Bromochloromethane	7.19	49	248464	48.644	ug/l	100
29) Tetrahydrofuran	7.21	42	300597	233.070	ug/l	99
30) Chloroform	7.37	83	569278	48.058	ug/l	98
31) Cyclohexane	7.65	56	509763	48.538	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	494945	48.691	ug/l	99
36) 1,1-Dichloropropene	7.79	75	443986	51.744	ug/l	99
37) Ethyl Acetate	6.93	43	212214	48.107	ug/l	99
38) Carbon Tetrachloride	7.77	117	455802	50.942	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	516106	55.370	ug/l	99
40) Benzene	8.04	78	1314669	51.494	ug/l	100
41) Methacrylonitrile	7.17	41	122609	54.167	ug/l	98
42) 1,2-Dichloroethane	8.12	62	375583	50.032	ug/l	99
43) Isopropyl Acetate	8.16	43	379086	49.667	ug/l #	86
44) Trichloroethene	8.83	130	364018	50.722	ug/l	98
45) 1,2-Dichloropropane	9.12	63	336216	51.944	ug/l	99
46) Dibromomethane	9.21	93	196065	49.728	ug/l	99
47) Bromodichloromethane	9.40	83	432065	51.413	ug/l	99
48) Methyl methacrylate	9.20	41	187189	50.924	ug/l	99
49) 1,4-Dioxane	9.20	88	53222	1000.749	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	1007225	255.746	ug/l	100
52) Toluene	10.15	92	829828	54.298	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	419071	53.069	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	502253	53.252	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	278098	50.890	ug/l	98
56) Ethyl methacrylate	10.43	69	323576	46.683	ug/l	99
57) 1,3-Dichloropropane	10.71	76	464385	52.168	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	745257	233.501	ug/l	99
59) 2-Hexanone	10.75	43	654104	252.251	ug/l	99
60) Dibromochloromethane	10.90	129	338053	52.565	ug/l	99
61) 1,2-Dibromoethane	11.00	107	273798	52.128	ug/l	98
64) Tetrachloroethene	10.63	164	340585	49.513	ug/l	99
65) Chlorobenzene	11.43	112	918028	51.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	341047	50.263	ug/l	99
67) Ethyl Benzene	11.51	91	1535117	53.748	ug/l	100
68) m/p-Xylenes	11.62	106	1232018	111.041	ug/l	99
69) o-Xylene	11.95	106	582408	55.079	ug/l	100
70) Styrene	11.96	104	934017	49.943	ug/l	99
71) Bromoform	12.13	173	227907	50.651	ug/l	99
73) Isopropylbenzene	12.25	105	1549295	49.516	ug/l	99
74) N-amyl acetate	12.07	43	297620	46.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	318074	48.697	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	251916m	49.654	ug/l	
77) Bromobenzene	12.53	156	396954	50.743	ug/l	98
78) n-propylbenzene	12.59	91	1723696	51.074	ug/l	100
79) 2-Chlorotoluene	12.67	91	1019585	47.530	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1286564	51.431	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	82014	49.098	ug/l	99
82) 4-Chlorotoluene	12.77	91	1020211	49.994	ug/l	100
83) tert-Butylbenzene	12.99	119	1107989	50.121	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1295812	53.343	ug/l	99
85) sec-Butylbenzene	13.17	105	1450489	51.671	ug/l	100
86) p-Isopropyltoluene	13.29	119	1297551	55.125	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	682360	49.369	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	652070	49.804	ug/l	99
89) n-Butylbenzene	13.61	91	984659	50.900	ug/l	99
90) Hexachloroethane	13.87	117	234563	51.091	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	644439	50.580	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	41739	45.751	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	279568	45.210	ug/l	98
94) Hexachlorobutadiene	15.01	225	225738	53.373	ug/l	99
95) Naphthalene	15.13	128	453393	40.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	269907	45.918	ug/l	99

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

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