

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049608.D
 Acq On : 28 Jun 2018 23:34
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 1:46:47 PM

Quant Time: Jun 29 04:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1432409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2178913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1982896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1099271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	908282	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	7.59	113	805608	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
50) Toluene-d8	10.09	98	3148379	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
62) 4-Bromofluorobenzene	12.40	95	1087793	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	811256	49.21	ug/l	100
3) Chloromethane	2.06	50	956839	44.94	ug/l	98
4) Vinyl Chloride	2.18	62	1040730	46.00	ug/l	100
5) Bromomethane	2.56	94	493562	41.50	ug/l	97
6) Chloroethane	2.70	64	647925	48.03	ug/l	99
7) Trichlorofluoromethane	3.02	101	1113593	39.45	ug/l	99
8) Diethyl Ether	3.41	74	460312	46.71	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	806835	45.07	ug/l	92
10) Methyl Iodide	3.95	142	1012439	54.32	ug/l	92
11) Tert butyl alcohol	4.79	59	240408	215.60	ug/l	99
12) 1,1-Dichloroethene	3.73	96	771567	46.98	ug/l	91
13) Acrolein	3.61	56	267276	228.57	ug/l	100
14) Allyl chloride	4.32	41	973076	37.52	ug/l	88
15) Acrylonitrile	4.99	53	1309414	234.84	ug/l	99
16) Acetone	3.82	43	954779	206.98	ug/l	93
17) Carbon Disulfide	4.05	76	2240536	43.52	ug/l	99
18) Methyl Acetate	4.33	43	881302	62.66	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	2048480	48.92	ug/l	99
20) Methylene Chloride	4.55	84	877861	45.57	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	803872	46.23	ug/l	91
22) Diisopropyl ether	5.95	45	2550650	49.25	ug/l	97
23) Vinyl Acetate	5.90	43	8460291	250.60	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1531777	46.21	ug/l	99
25) 2-Butanone	6.84	43	1413575	228.22	ug/l	97
26) 2,2-Dichloropropane	6.82	77	1049089	39.19	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	926091	47.91	ug/l	90
28) Bromochloromethane	7.19	49	693772	47.21	ug/l #	83
29) Tetrahydrofuran	7.21	42	955340	239.60	ug/l	93
30) Chloroform	7.37	83	1552954	47.08	ug/l	98
31) Cyclohexane	7.65	56	1345459	47.88	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	1338397	47.55	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1173725	47.00	ug/l	97
37) Ethyl Acetate	6.93	43	678690	49.99	ug/l	98
38) Carbon Tetrachloride	7.77	117	1112240	43.02	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1247361	46.53	ug/l	96
40) Benzene	8.04	78	3529588	46.10	ug/l	99
41) Methacrylonitrile	7.18	41	322192	43.90	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1106296	46.77	ug/l	96
43) Isopropyl Acetate	8.17	43	1323025	51.01	ug/l #	86
44) Trichloroethene	8.84	130	1041530	51.52	ug/l	93
45) 1,2-Dichloropropane	9.12	63	927973	46.29	ug/l	99
46) Dibromomethane	9.21	93	545918	46.97	ug/l	91
47) Bromodichloromethane	9.40	83	1172935	45.92	ug/l	96
48) Methyl methacrylate	9.20	41	596680	48.85	ug/l #	86
49) 1,4-Dioxane	9.20	88	158659	941.10	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	3307920	243.32	ug/l	94
52) Toluene	10.16	92	2204622	49.06	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1120124	45.84	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1323720	45.88	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	778603	46.48	ug/l	98
56) Ethyl methacrylate	10.43	69	991656	51.31	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1304605	47.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2310332	329.56	ug/l	94
59) 2-Hexanone	10.75	43	2171239	247.73	ug/l	92
60) Dibromochloromethane	10.90	129	870350	46.55	ug/l	98
61) 1,2-Dibromoethane	11.01	107	766034	49.20	ug/l	100
64) Tetrachloroethene	10.63	164	1234871	60.78	ug/l	97
65) Chlorobenzene	11.44	112	2389221	46.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	875113	45.52	ug/l	98
67) Ethyl Benzene	11.51	91	4151175	48.99	ug/l	98
68) m/p-Xylenes	11.62	106	3262406	102.60	ug/l	96
69) o-Xylene	11.95	106	1571471	51.31	ug/l	95
70) Styrene	11.97	104	2594576	53.70	ug/l	97
71) Bromoform	12.13	173	578873	46.52	ug/l #	100
73) Isopropylbenzene	12.25	105	4104418	42.52	ug/l	98
74) N-amyl acetate	12.07	43	1122494	47.48	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	873482	43.71	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	796034m	42.44	ug/l	
77) Bromobenzene	12.53	156	1059013	41.54	ug/l	89
78) n-propylbenzene	12.59	91	4830080	45.58	ug/l	99
79) 2-Chlorotoluene	12.68	91	2883523	42.94	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3542732	46.70	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	223833	37.72	ug/l	93
82) 4-Chlorotoluene	12.77	91	2923285	45.13	ug/l	96
83) tert-Butylbenzene	12.99	119	2920116	43.45	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3666533	48.65	ug/l	99
85) sec-Butylbenzene	13.17	105	3977320	44.46	ug/l	98
86) p-Isopropyltoluene	13.29	119	3532869	47.27	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	1938091	46.21	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1878554	45.19	ug/l	99
89) n-Butylbenzene	13.62	91	2895428	49.60	ug/l	97
90) Hexachloroethane	13.88	117	316612	21.41	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	1865359	45.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	134163	39.93	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	848985	45.50	ug/l	99
94) Hexachlorobutadiene	15.01	225	538567	44.46	ug/l	98
95) Naphthalene	15.14	128	1786201	52.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	811548	44.45	ug/l	99

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

