

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049268.D
 Acq On : 15 Jun 2018 19:17
 Operator : MD\SY
 Sample : VN0616WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:14 PM

Quant Time: Jun 16 01:35:54 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	1551070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2307102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2081601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	965206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1046433	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	7.59	113	945618	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.09	98	3592189	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.40	95	1147108	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	328203	18.38	ug/l	100
3) Chloromethane	2.06	50	427913	18.56	ug/l	97
4) Vinyl Chloride	2.18	62	453682	18.52	ug/l	98
5) Bromomethane	2.57	94	226287	17.57	ug/l	96
6) Chloroethane	2.70	64	277552	19.00	ug/l	99
7) Trichlorofluoromethane	3.01	101	579922	18.97	ug/l	99
8) Diethyl Ether	3.41	74	208584	19.55	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	370484	19.11	ug/l	94
10) Methyl Iodide	3.95	142	341906	16.94	ug/l	91
11) Tert butyl alcohol	4.80	59	119077	98.62	ug/l	98
12) 1,1-Dichloroethene	3.73	96	335662	18.87	ug/l	89
13) Acrolein	3.61	56	129505	102.28	ug/l	99
14) Allyl chloride	4.32	41	546741	19.47	ug/l	88
15) Acrylonitrile	4.99	53	580035	96.07	ug/l	99
16) Acetone	3.82	43	486925	97.48	ug/l #	89
17) Carbon Disulfide	4.05	76	985177	17.67	ug/l	99
18) Methyl Acetate	4.33	43	291246	19.12	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	909270	20.05	ug/l	99
20) Methylene Chloride	4.55	84	393287	18.85	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	354019	18.80	ug/l	94
22) Diisopropyl ether	5.96	45	1125945	20.08	ug/l	97
23) Vinyl Acetate	5.90	43	3602176	98.54	ug/l #	95
24) 1,1-Dichloroethane	5.85	63	690918	19.25	ug/l	99
25) 2-Butanone	6.84	43	651732	97.17	ug/l	97
26) 2,2-Dichloropropane	6.82	77	569850	19.66	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	408902	19.53	ug/l	91
28) Bromochloromethane	7.20	49	319714	20.09	ug/l #	83
29) Tetrahydrofuran	7.22	42	422045	97.75	ug/l	94
30) Chloroform	7.37	83	691423	19.36	ug/l	100
31) Cyclohexane	7.66	56	613645	20.06	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	600335	19.70	ug/l	97
36) 1,1-Dichloropropene	7.79	75	509486	19.27	ug/l	97
37) Ethyl Acetate	6.93	43	305146	21.23	ug/l	97
38) Carbon Tetrachloride	7.77	117	532805	19.46	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	533117	18.78	ug/l	98
40) Benzene	8.04	78	1573930	19.42	ug/l	99
41) Methacrylonitrile	7.17	41	155677	20.03	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	491956	19.64	ug/l	96
43) Isopropyl Acetate	8.17	43	532404	19.38	ug/l	94
44) Trichloroethene	8.84	130	415339	19.40	ug/l	90
45) 1,2-Dichloropropane	9.12	63	412690	19.44	ug/l	98
46) Dibromomethane	9.21	93	234578	19.06	ug/l	90
47) Bromodichloromethane	9.40	83	523164	19.34	ug/l	97
48) Methyl methacrylate	9.20	41	259061	20.03	ug/l	88
49) 1,4-Dioxane	9.20	88	71157	398.62	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	1438076	99.90	ug/l	94
52) Toluene	10.16	92	952294	20.02	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	489165	18.91	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	584213	19.12	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	338923	19.11	ug/l	99
56) Ethyl methacrylate	10.43	69	401429	19.62	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	564306	19.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	551724	85.42	ug/l	95
59) 2-Hexanone	10.75	43	907203	97.76	ug/l	93
60) Dibromochloromethane	10.90	129	377844	19.09	ug/l	100
61) 1,2-Dibromoethane	11.01	107	321772	19.52	ug/l	98
64) Tetrachloroethene	10.63	164	419549	19.67	ug/l	97
65) Chlorobenzene	11.44	112	1030461	19.22	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	388156	19.23	ug/l	99
67) Ethyl Benzene	11.51	91	1746523	19.64	ug/l	97
68) m/p-Xylenes	11.62	106	1348862	40.41	ug/l	96
69) o-Xylene	11.95	106	645197	20.07	ug/l	96
70) Styrene	11.97	104	1016013	20.03	ug/l	98
71) Bromoform	12.13	173	249363	19.09	ug/l #	99
73) Isopropylbenzene	12.25	105	1730240	20.42	ug/l	98
74) N-amyl acetate	12.07	43	390370	18.81	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	389625	21.05	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	325506m	19.76	ug/l	
77) Bromobenzene	12.53	156	429308	19.18	ug/l	89
78) n-propylbenzene	12.59	91	1908127	20.51	ug/l	98
79) 2-Chlorotoluene	12.68	91	1176637	19.96	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1391132	20.88	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	97813	18.77	ug/l	94
82) 4-Chlorotoluene	12.78	91	1143779	20.11	ug/l	97
83) tert-Butylbenzene	12.99	119	1193996	20.23	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1393252	21.05	ug/l	99
85) sec-Butylbenzene	13.17	105	1566822	19.95	ug/l	98
86) p-Isopropyltoluene	13.29	119	1320394	20.12	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	705475	19.16	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	678486	18.59	ug/l	99
89) n-Butylbenzene	13.62	91	944217	18.42	ug/l	97
90) Hexachloroethane	13.88	117	263832	20.23	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	695427	19.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54717	18.55	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	224198	17.00	ug/l	99
94) Hexachlorobutadiene	15.01	225	223574	19.50	ug/l	99
95) Naphthalene	15.14	128	442605	17.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	247618	17.70	ug/l	99

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

