

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049553.D
 Acq On : 26 Jun 2018 15:31
 Operator : MD\SY
 Sample : VN0626WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/27/2018 5:29:44 PM

Quant Time: Jun 27 01:26:04 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	1672488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2569693	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2270411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1178211	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	1084266	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
35) Dibromofluoromethane	7.59	113	973198	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
50) Toluene-d8	10.09	98	3668933	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	12.40	95	1251310	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	300899	15.63	ug/l	98
3) Chloromethane	2.06	50	384158	15.45	ug/l	97
4) Vinyl Chloride	2.18	62	432088	16.36	ug/l	99
5) Bromomethane	2.56	94	218472	15.73	ug/l	97
6) Chloroethane	2.70	64	278423	17.68	ug/l	99
7) Trichlorofluoromethane	3.02	101	521707	15.83	ug/l	99
8) Diethyl Ether	3.41	74	218077	18.95	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	383207	18.33	ug/l	92
10) Methyl Iodide	3.95	142	437852	20.12	ug/l	91
11) Tert butyl alcohol	4.79	59	122569	94.14	ug/l	99
12) 1,1-Dichloroethene	3.73	96	348471	18.17	ug/l	90
13) Acrolein	3.60	56	125506	91.92	ug/l	96
14) Allyl chloride	4.32	41	471299	15.56	ug/l	88
15) Acrylonitrile	4.99	53	610137	93.72	ug/l	98
16) Acetone	3.82	43	500195	92.87	ug/l	90
17) Carbon Disulfide	4.05	76	925616	15.40	ug/l	99
18) Methyl Acetate	4.33	43	686342	41.79	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	996255	20.38	ug/l	98
20) Methylene Chloride	4.55	84	409881	18.22	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	370825	18.27	ug/l	95
22) Diisopropyl ether	5.95	45	1212386	20.05	ug/l	97
23) Vinyl Acetate	5.90	43	3815331	96.79	ug/l	96
24) 1,1-Dichloroethane	5.85	63	724109	18.71	ug/l	99
25) 2-Butanone	6.84	43	642356	88.82	ug/l	95
26) 2,2-Dichloropropane	6.82	77	602359	19.27	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	433008	19.18	ug/l	93
28) Bromochloromethane	7.19	49	325657	18.98	ug/l #	81
29) Tetrahydrofuran	7.21	42	450013	96.66	ug/l	92
30) Chloroform	7.37	83	741651	19.26	ug/l	100
31) Cyclohexane	7.65	56	636543	19.29	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	626179	19.05	ug/l	97
36) 1,1-Dichloropropene	7.79	75	540736	18.36	ug/l	96
37) Ethyl Acetate	6.93	43	315100	19.68	ug/l #	92
38) Carbon Tetrachloride	7.77	117	517416	16.97	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	598501	18.93	ug/l	95
40) Benzene	8.04	78	1675793	18.56	ug/l	99
41) Methacrylonitrile	7.17	41	169730	19.61	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	518116	18.57	ug/l	96
43) Isopropyl Acetate	8.17	43	1082194	35.38	ug/l #	86
44) Trichloroethene	8.83	130	500577	20.99	ug/l	94
45) 1,2-Dichloropropane	9.12	63	444151	18.79	ug/l	99
46) Dibromomethane	9.21	93	255436	18.63	ug/l	91
47) Bromodichloromethane	9.40	83	547956	18.19	ug/l	97
48) Methyl methacrylate	9.20	41	304547	21.14	ug/l	89
49) 1,4-Dioxane	9.20	88	75177	378.11	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1553178	96.87	ug/l	94
52) Toluene	10.16	92	1020639	19.26	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	530915	18.42	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	633788	18.63	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	367599	18.61	ug/l	98
56) Ethyl methacrylate	10.43	69	446144	19.58	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	618988	18.91	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	1144982	146.80	ug/l	94
59) 2-Hexanone	10.75	43	1014166	98.11	ug/l	93
60) Dibromochloromethane	10.90	129	395149	17.92	ug/l	100
61) 1,2-Dibromoethane	11.01	107	359795	19.59	ug/l	100
64) Tetrachloroethene	10.63	164	551949	23.72	ug/l	97
65) Chlorobenzene	11.43	112	1118617	19.13	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	404300	18.37	ug/l	100
67) Ethyl Benzene	11.51	91	1891010	19.49	ug/l	97
68) m/p-Xylenes	11.62	106	1472478	40.44	ug/l	96
69) o-Xylene	11.95	106	710190	20.25	ug/l	96
70) Styrene	11.96	104	1137865	20.57	ug/l	96
71) Bromoform	12.13	173	253773	17.81	ug/l #	99
73) Isopropylbenzene	12.25	105	1853593	17.92	ug/l	98
74) N-amyl acetate	12.07	43	513538	20.27	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.51	83	417316	18.18	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	333982m	16.61	ug/l	
77) Bromobenzene	12.53	156	477398	17.47	ug/l	90
78) n-propylbenzene	12.59	91	2113688	18.61	ug/l	98
79) 2-Chlorotoluene	12.68	91	1292870	17.96	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1552774	19.10	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	109970	17.29	ug/l	92
82) 4-Chlorotoluene	12.77	91	1310983	18.88	ug/l	98
83) tert-Butylbenzene	12.99	119	1304604	18.11	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1612942	19.97	ug/l	99
85) sec-Butylbenzene	13.17	105	1744719	18.20	ug/l	99
86) p-Isopropyltoluene	13.29	119	1546651	19.31	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	856065	19.04	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	838010	18.81	ug/l	100
89) n-Butylbenzene	13.62	91	1281849	20.49	ug/l	98
90) Hexachloroethane	13.88	117	120179	6.45	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	843083	19.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	68578	19.04	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	446262	24.73	ug/l	98
94) Hexachlorobutadiene	15.01	225	269752	19.25	ug/l	98
95) Naphthalene	15.13	128	982421	29.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	421953	23.34	ug/l	98

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

