

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053313.D
 Acq On : 8 Jan 2019 12:50
 Operator : MD\SY
 Sample : VN0108WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:57:51 AM

Quant Time: Jan 09 00:45:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1061498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1596949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1440518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	671594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	521388	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	7.59	113	442874	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.09	98	1912827	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	673777	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	180298	19.266	ug/l	99
3) Chloromethane	2.06	50	233763	17.887	ug/l	100
4) Vinyl Chloride	2.19	62	225479	18.077	ug/l	99
5) Bromomethane	2.57	94	154897	19.004	ug/l	98
6) Chloroethane	2.71	64	137227	18.227	ug/l	97
7) Trichlorofluoromethane	3.02	101	310640	19.227	ug/l	99
8) Diethyl Ether	3.41	74	121033	19.113	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	198220	19.358	ug/l	99
10) Methyl Iodide	3.96	142	287466	20.028	ug/l	99
11) Tert butyl alcohol	4.78	59	62132	93.538	ug/l	100
12) 1,1-Dichloroethene	3.74	96	190087	19.192	ug/l	99
13) Acrolein	3.61	56	77884	93.255	ug/l	98
14) Allyl chloride	4.33	41	306488	19.199	ug/l	96
15) Acrylonitrile	4.99	53	363562	91.687	ug/l	98
16) Acetone	3.82	43	246038	91.150	ug/l	99
17) Carbon Disulfide	4.06	76	554985	18.175	ug/l	100
18) Methyl Acetate	4.33	43	171571	17.166	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	538297	19.365	ug/l	99
20) Methylene Chloride	4.55	84	217734	18.357	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	206777	19.444	ug/l	97
22) Diisopropyl ether	5.95	45	664668	19.327	ug/l	96
23) Vinyl Acetate	5.90	43	2055388	94.987	ug/l	99
24) 1,1-Dichloroethane	5.85	63	382603	19.290	ug/l	100
25) 2-Butanone	6.84	43	414201	91.420	ug/l	99
26) 2,2-Dichloropropane	6.83	77	273671	18.875	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	237217	19.533	ug/l	99
28) Bromochloromethane	7.20	49	161251	19.078	ug/l	98
29) Tetrahydrofuran	7.21	42	275479	92.138	ug/l	99
30) Chloroform	7.37	83	370603	18.983	ug/l	100
31) Cyclohexane	7.66	56	363883	19.186	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	307796	18.920	ug/l	99
36) 1,1-Dichloropropene	7.80	75	298009	19.989	ug/l	98
37) Ethyl Acetate	6.93	43	185114	19.063	ug/l	100
38) Carbon Tetrachloride	7.78	117	264613	19.230	ug/l	99

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

39) Methylcyclohexane	9.08	83	338702	19.610	ug/l	99
40) Benzene	8.04	78	889668	19.536	ug/l	100
41) Methacrylonitrile	7.17	41	92008	15.261	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	259979	19.246	ug/l	99
43) Isopropyl Acetate	8.17	43	346218	18.123	ug/l	99
44) Trichloroethene	8.84	130	244875	19.583	ug/l	99
45) 1,2-Dichloropropane	9.12	63	233735	19.569	ug/l	98
46) Dibromomethane	9.21	93	134319	19.287	ug/l	99
47) Bromodichloromethane	9.40	83	274477	18.913	ug/l	100
48) Methyl methacrylate	9.20	41	165749	19.098	ug/l	99
49) 1,4-Dioxane	9.20	88	35467	383.557	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	928537	96.653	ug/l	99
52) Toluene	10.16	92	556937	19.934	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	285800	19.250	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	337973	19.700	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	194306	18.914	ug/l	99
56) Ethyl methacrylate	10.43	69	265797	19.910	ug/l	99
57) 1,3-Dichloropropane	10.71	76	334190	19.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	680887	94.342	ug/l	99
59) 2-Hexanone	10.75	43	631788	95.984	ug/l	99
60) Dibromochloromethane	10.90	129	207878	18.761	ug/l	99
61) 1,2-Dibromoethane	11.01	107	199407	19.670	ug/l	100
64) Tetrachloroethene	10.63	164	263592	19.442	ug/l	99
65) Chlorobenzene	11.43	112	614072	19.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	212484	19.399	ug/l	99
67) Ethyl Benzene	11.51	91	1063511	20.000	ug/l	99
68) m/p-Xylenes	11.62	106	809335	40.477	ug/l	100
69) o-Xylene	11.95	106	396507	20.255	ug/l	99
70) Styrene	11.96	104	647643	20.328	ug/l	99
71) Bromoform	12.13	173	146827	18.978	ug/l #	99
73) Isopropylbenzene	12.25	105	1036655	20.732	ug/l	100
74) N-amyl acetate	12.07	43	307758	20.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	229618	19.963	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	184031m	18.787	ug/l	
77) Bromobenzene	12.53	156	288638	21.628	ug/l	92
78) n-propylbenzene	12.59	91	1171283	20.709	ug/l	99
79) 2-Chlorotoluene	12.68	91	697905	20.393	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	840292	20.863	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	65653	19.719	ug/l	99
82) 4-Chlorotoluene	12.77	91	713448	20.330	ug/l	100
83) tert-Butylbenzene	12.99	119	722897	20.457	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	840656	20.488	ug/l	100
85) sec-Butylbenzene	13.17	105	957324	20.542	ug/l	100
86) p-Isopropyltoluene	13.29	119	839358	20.802	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	472762	20.117	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	463640	19.888	ug/l	98
89) n-Butylbenzene	13.62	91	690049	20.398	ug/l	100
90) Hexachloroethane	13.87	117	119479	18.474	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	435956	19.804	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26969	19.331	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	147158	21.261	ug/l	98
94) Hexachlorobutadiene	15.01	225	122123	21.571	ug/l	98
95) Naphthalene	15.13	128	276715	23.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	104352	23.027	ug/l	96

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

