

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053312.D
 Acq On : 8 Jan 2019 12:24
 Operator : MD\SY
 Sample : VN0108WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:57:46 AM

Quant Time: Jan 09 00:43:12 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	976650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1492325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1354771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	639746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	484104	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	7.59	113	408108	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	10.09	98	1791895	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.40	95	633416	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	160396	18.629	ug/l	98
3) Chloromethane	2.06	50	214708	17.857	ug/l	99
4) Vinyl Chloride	2.19	62	215270	18.758	ug/l	99
5) Bromomethane	2.56	94	137750	18.369	ug/l	96
6) Chloroethane	2.71	64	124643	17.994	ug/l	100
7) Trichlorofluoromethane	3.02	101	283213	19.052	ug/l	100
8) Diethyl Ether	3.41	74	114246	19.608	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	179470	19.050	ug/l	99
10) Methyl Iodide	3.96	142	267737	20.274	ug/l	99
11) Tert butyl alcohol	4.78	59	52878	86.522	ug/l	98
12) 1,1-Dichloroethene	3.74	96	176651	19.385	ug/l	98
13) Acrolein	3.61	56	76352	99.363	ug/l	99
14) Allyl chloride	4.33	41	284847	19.394	ug/l	96
15) Acrylonitrile	4.99	53	353195	96.811	ug/l	99
16) Acetone	3.82	43	228233	91.918	ug/l	100
17) Carbon Disulfide	4.06	76	492486	17.529	ug/l	100
18) Methyl Acetate	4.33	43	164573	17.896	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	506967	19.822	ug/l	98
20) Methylene Chloride	4.55	84	202055	18.515	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	189331	19.350	ug/l	98
22) Diisopropyl ether	5.95	45	617086	19.503	ug/l	98
23) Vinyl Acetate	5.90	43	1932229	97.053	ug/l	100
24) 1,1-Dichloroethane	5.85	63	357970	19.616	ug/l	98
25) 2-Butanone	6.84	43	385780	92.545	ug/l	100
26) 2,2-Dichloropropane	6.83	77	250214	18.757	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	219744	19.666	ug/l	100
28) Bromochloromethane	7.20	49	160556	20.646	ug/l	98
29) Tetrahydrofuran	7.21	42	263128	95.652	ug/l	99
30) Chloroform	7.37	83	344396	19.174	ug/l	98
31) Cyclohexane	7.66	56	341118	19.552	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	288157	19.252	ug/l	100
36) 1,1-Dichloropropene	7.80	75	270727	19.432	ug/l	99
37) Ethyl Acetate	6.93	43	173883	19.161	ug/l	99
38) Carbon Tetrachloride	7.78	117	242624	18.868	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	299439	18.552	ug/l	99
40) Benzene	8.04	78	832388	19.560	ug/l	98
41) Methacrylonitrile	7.17	41	71578m	12.705	ug/l	
42) 1,2-Dichloroethane	8.13	62	244224	19.347	ug/l	100
43) Isopropyl Acetate	8.16	43	320234	17.938	ug/l	99
44) Trichloroethene	8.84	130	226069	19.346	ug/l	99
45) 1,2-Dichloropropane	9.12	63	220356	19.742	ug/l	99
46) Dibromomethane	9.21	93	126200	19.392	ug/l	97
47) Bromodichloromethane	9.40	83	257060	18.954	ug/l	98
48) Methyl methacrylate	9.20	41	156926	19.349	ug/l	99
49) 1,4-Dioxane	9.20	88	28968	335.236	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	884783	98.556	ug/l	100
52) Toluene	10.16	92	515496	19.745	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	268027	19.319	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	311955	19.458	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	185905	19.365	ug/l	100
56) Ethyl methacrylate	10.43	69	252442	20.235	ug/l	99
57) 1,3-Dichloropropane	10.71	76	317280	19.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	669726	99.301	ug/l	99
59) 2-Hexanone	10.75	43	607271	98.727	ug/l	99
60) Dibromochloromethane	10.90	129	195974	18.927	ug/l	99
61) 1,2-Dibromoethane	11.01	107	185339	19.564	ug/l	98
64) Tetrachloroethene	10.63	164	247769	19.431	ug/l	98
65) Chlorobenzene	11.43	112	575182	19.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	193870	18.820	ug/l	99
67) Ethyl Benzene	11.51	91	997559	19.947	ug/l	100
68) m/p-Xylenes	11.62	106	759169	40.371	ug/l	99
69) o-Xylene	11.95	106	372678	20.243	ug/l	99
70) Styrene	11.96	104	604943	20.190	ug/l	99
71) Bromoform	12.13	173	135349	18.602	ug/l #	98
73) Isopropylbenzene	12.25	105	961831	20.193	ug/l	100
74) N-amyl acetate	12.07	43	301465	21.196	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	217274	19.830	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	192582m	20.639	ug/l	
77) Bromobenzene	12.53	156	284688	22.394	ug/l	88
78) n-propylbenzene	12.59	91	1086867	20.173	ug/l	99
79) 2-Chlorotoluene	12.68	91	658444	20.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	777316	20.260	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	60499	19.076	ug/l	94
82) 4-Chlorotoluene	12.77	91	668249	19.990	ug/l	99
83) tert-Butylbenzene	12.99	119	664642	19.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	787164	20.139	ug/l	100
85) sec-Butylbenzene	13.17	105	879193	19.805	ug/l	100
86) p-Isopropyltoluene	13.29	119	770044	20.034	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	439257	19.621	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	436785	19.669	ug/l	99
89) n-Butylbenzene	13.62	91	645791	20.040	ug/l	100
90) Hexachloroethane	13.88	117	105444	17.116	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	409535	19.530	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25195	18.958	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	136659	20.727	ug/l #	92
94) Hexachlorobutadiene	15.01	225	99620	18.472	ug/l	98
95) Naphthalene	15.13	128	266287	23.674	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	98419	22.799	ug/l #	72

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

