

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010719\
 Data File : VN053302.D
 Acq On : 7 Jan 2019 14:07
 Operator : MD\SY
 Sample : VN1007WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 9:25:17 AM

Quant Time: Jan 08 03:02:43 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	881315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1359304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1235864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	588597	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	463251	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	
35) Dibromofluoromethane	7.59	113	385680	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	10.09	98	1655450	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	585772	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	163971	21.104	ug/l	100
3) Chloromethane	2.06	50	223796	20.626	ug/l	98
4) Vinyl Chloride	2.19	62	213141	20.581	ug/l	99
5) Bromomethane	2.57	94	140148	20.710	ug/l	99
6) Chloroethane	2.71	64	124336	19.891	ug/l	100
7) Trichlorofluoromethane	3.02	101	268640	20.027	ug/l	97
8) Diethyl Ether	3.41	74	107518	20.450	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	172421	20.281	ug/l	98
10) Methyl Iodide	3.96	142	249645	20.949	ug/l	100
11) Tert butyl alcohol	4.78	59	61484	111.486	ug/l	100
12) 1,1-Dichloroethene	3.74	96	166770	20.280	ug/l	97
13) Acrolein	3.61	56	69417	100.110	ug/l	99
14) Allyl chloride	4.33	41	260814	19.678	ug/l	100
15) Acrylonitrile	4.99	53	341614	103.765	ug/l	99
16) Acetone	3.82	43	228093	102.041	ug/l	98
17) Carbon Disulfide	4.06	76	500295	19.734	ug/l	99
18) Methyl Acetate	4.33	43	159750	19.251	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	472639	20.479	ug/l	98
20) Methylene Chloride	4.55	84	193715	19.671	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	177993	20.159	ug/l	99
22) Diisopropyl ether	5.95	45	582319	20.395	ug/l	97
23) Vinyl Acetate	5.90	43	1877213	104.489	ug/l	100
24) 1,1-Dichloroethane	5.85	63	334463	20.310	ug/l	99
25) 2-Butanone	6.83	43	380010	101.022	ug/l	98
26) 2,2-Dichloropropane	6.82	77	228495	18.982	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	202395	20.073	ug/l	99
28) Bromochloromethane	7.20	49	153033	21.807	ug/l	99
29) Tetrahydrofuran	7.21	42	261096	105.181	ug/l	98
30) Chloroform	7.37	83	324994	20.051	ug/l	99
31) Cyclohexane	7.66	56	319326	20.290	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	269342	19.941	ug/l	99
36) 1,1-Dichloropropene	7.80	75	253883	20.007	ug/l	99
37) Ethyl Acetate	6.93	43	170354	20.610	ug/l	99
38) Carbon Tetrachloride	7.77	117	234572	20.027	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	295821	20.122	ug/l	99
40) Benzene	8.04	78	778106	20.073	ug/l	99
41) Methacrylonitrile	7.17	41	79253	15.444	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	233650	20.321	ug/l	98
43) Isopropyl Acetate	8.16	43	314378	19.334	ug/l	98
44) Trichloroethene	8.84	130	209153	19.650	ug/l	99
45) 1,2-Dichloropropane	9.12	63	205043	20.168	ug/l	99
46) Dibromomethane	9.21	93	120479	20.324	ug/l	99
47) Bromodichloromethane	9.40	83	244546	19.796	ug/l	99
48) Methyl methacrylate	9.20	41	147803	20.007	ug/l	99
49) 1,4-Dioxane	9.20	88	34848	442.749	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	853355	104.357	ug/l	99
52) Toluene	10.16	92	478043	20.102	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	254515	20.140	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	292761	20.048	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	172968	19.781	ug/l	99
56) Ethyl methacrylate	10.43	69	232988	20.504	ug/l	99
57) 1,3-Dichloropropane	10.71	76	298270	20.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	610801	99.427	ug/l	100
59) 2-Hexanone	10.75	43	584574	104.337	ug/l	99
60) Dibromochloromethane	10.90	129	187767	19.909	ug/l	97
61) 1,2-Dibromoethane	11.01	107	173570	20.115	ug/l	98
64) Tetrachloroethene	10.63	164	219504	18.871	ug/l	99
65) Chlorobenzene	11.43	112	531009	19.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	181191	19.282	ug/l	99
67) Ethyl Benzene	11.51	91	910943	19.968	ug/l	99
68) m/p-Xylenes	11.62	106	701721	40.906	ug/l	99
69) o-Xylene	11.95	106	344418	20.508	ug/l	99
70) Styrene	11.96	104	557707	20.404	ug/l	99
71) Bromoform	12.13	173	133945	20.180	ug/l #	98
73) Isopropylbenzene	12.25	105	885707	20.211	ug/l	100
74) N-amyl acetate	12.07	43	272094	20.793	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	203924	20.229	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	180723m	21.051	ug/l	
77) Bromobenzene	12.53	156	233668	19.978	ug/l	99
78) n-propylbenzene	12.59	91	1008394	20.343	ug/l	99
79) 2-Chlorotoluene	12.67	91	601510	20.054	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	724409	20.522	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	60496	20.733	ug/l	96
82) 4-Chlorotoluene	12.77	91	618125	20.098	ug/l	99
83) tert-Butylbenzene	12.99	119	635641	20.524	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	734625	20.428	ug/l	99
85) sec-Butylbenzene	13.17	105	831541	20.359	ug/l	100
86) p-Isopropyltoluene	13.29	119	720199	20.366	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	405450	19.685	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	398042	19.482	ug/l	99
89) n-Butylbenzene	13.62	91	573865	19.356	ug/l	100
90) Hexachloroethane	13.88	117	111544	19.679	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	387795	20.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26979	22.065	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.91	180	129432	21.336	ug/l	100
94) Hexachlorobutadiene	15.01	225	102763	20.711	ug/l	99
95) Naphthalene	15.13	128	233570	22.570	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	84764	21.342	ug/l	100

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

