

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010719\
 Data File : VN053297.D
 Acq On : 7 Jan 2019 11:54
 Operator : MD\SY
 Sample : VN0107WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0107WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 9:25:01 AM

Quant Time: Jan 08 02:39:43 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	910400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1378289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1263154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	595991	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	469833	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	393028	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1702566	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	600571	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	165067	20.566	ug/l	98
3) Chloromethane	2.06	50	226134	20.176	ug/l	99
4) Vinyl Chloride	2.19	62	213670	19.973	ug/l	100
5) Bromomethane	2.56	94	144576	20.682	ug/l	99
6) Chloroethane	2.70	64	128304	19.870	ug/l	99
7) Trichlorofluoromethane	3.02	101	274068	19.779	ug/l	99
8) Diethyl Ether	3.41	74	107709	19.832	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	170208	19.381	ug/l	99
10) Methyl Iodide	3.96	142	250901	20.382	ug/l	100
11) Tert butyl alcohol	4.78	59	53698	94.258	ug/l	100
12) 1,1-Dichloroethene	3.74	96	168185	19.799	ug/l	97
13) Acrolein	3.61	56	67629	94.415	ug/l	100
14) Allyl chloride	4.33	41	261060	19.068	ug/l	99
15) Acrylonitrile	4.99	53	333883	98.177	ug/l	99
16) Acetone	3.82	43	238667	103.389	ug/l	98
17) Carbon Disulfide	4.06	76	508614	19.421	ug/l	99
18) Methyl Acetate	4.32	43	155568	18.148	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	473775	19.872	ug/l	99
20) Methylene Chloride	4.55	84	194992	19.168	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	180117	19.748	ug/l	100
22) Diisopropyl ether	5.95	45	586222	19.875	ug/l	99
23) Vinyl Acetate	5.90	43	1880420	101.324	ug/l	100
24) 1,1-Dichloroethane	5.85	63	333185	19.586	ug/l	99
25) 2-Butanone	6.83	43	377828	97.233	ug/l	98
26) 2,2-Dichloropropane	6.83	77	246794	19.847	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	203641	19.551	ug/l	98
28) Bromochloromethane	7.20	49	153034	21.111	ug/l	100
29) Tetrahydrofuran	7.21	42	253331	98.792	ug/l	99
30) Chloroform	7.37	83	328820	19.639	ug/l	99
31) Cyclohexane	7.66	56	324759	19.973	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	271761	19.478	ug/l	99
36) 1,1-Dichloropropene	7.79	75	254403	19.771	ug/l	99
37) Ethyl Acetate	6.93	43	168488	20.103	ug/l	99
38) Carbon Tetrachloride	7.78	117	237408	19.990	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	297365	19.948	ug/l	99
40) Benzene	8.04	78	783612	19.937	ug/l	99
41) Methacrylonitrile	7.18	41	95114	18.279	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	228145	19.569	ug/l	98
43) Isopropyl Acetate	8.17	43	308011	18.681	ug/l	99
44) Trichloroethene	8.84	130	213189	19.754	ug/l	99
45) 1,2-Dichloropropane	9.12	63	205803	19.964	ug/l	99
46) Dibromomethane	9.21	93	121176	20.160	ug/l	100
47) Bromodichloromethane	9.40	83	249305	19.903	ug/l	99
48) Methyl methacrylate	9.20	41	148420	19.814	ug/l	99
49) 1,4-Dioxane	9.20	88	29901	374.664	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	849230	102.422	ug/l	99
52) Toluene	10.16	92	485539	20.136	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	254845	19.888	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	302006	20.396	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	174409	19.671	ug/l	99
56) Ethyl methacrylate	10.43	69	235332	20.425	ug/l	99
57) 1,3-Dichloropropane	10.71	76	302205	20.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	619910	99.520	ug/l	100
59) 2-Hexanone	10.75	43	584274	102.847	ug/l	100
60) Dibromochloromethane	10.90	129	193226	20.205	ug/l	99
61) 1,2-Dibromoethane	11.01	107	175959	20.111	ug/l	98
64) Tetrachloroethene	10.63	164	222131	18.684	ug/l	99
65) Chlorobenzene	11.43	112	544844	19.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	189610	19.742	ug/l	99
67) Ethyl Benzene	11.51	91	927864	19.900	ug/l	99
68) m/p-Xylenes	11.62	106	711324	40.570	ug/l	99
69) o-Xylene	11.95	106	345998	20.157	ug/l	100
70) Styrene	11.96	104	567166	20.302	ug/l	100
71) Bromoform	12.13	173	135103	19.915	ug/l	98
73) Isopropylbenzene	12.25	105	915917	20.641	ug/l	100
74) N-amyl acetate	12.07	43	275315	20.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	206969	20.276	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	182528m	20.997	ug/l	
77) Bromobenzene	12.53	156	240030	20.268	ug/l	99
78) n-propylbenzene	12.59	91	1033982	20.600	ug/l	100
79) 2-Chlorotoluene	12.67	91	616773	20.308	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	740318	20.712	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	62279	21.079	ug/l	96
82) 4-Chlorotoluene	12.77	91	624991	20.069	ug/l	100
83) tert-Butylbenzene	12.99	119	642235	20.480	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	749618	20.586	ug/l	99
85) sec-Butylbenzene	13.17	105	856332	20.706	ug/l	99
86) p-Isopropyltoluene	13.29	119	740210	20.672	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	410934	19.704	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	408485	19.745	ug/l	99
89) n-Butylbenzene	13.62	91	600939	20.017	ug/l	100
90) Hexachloroethane	13.88	117	116980	20.382	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	392549	20.094	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26057	21.046	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	125088	20.365	ug/l	98
94) Hexachlorobutadiene	15.01	225	107194	21.336	ug/l	97
95) Naphthalene	15.13	128	217905	20.795	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	79632	19.801	ug/l	99

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

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