

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053314.D
 Acq On : 8 Jan 2019 13:17
 Operator : MD\SY
 Sample : VN0108MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108MBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:57:55 AM

Quant Time: Jan 09 00:47:36 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	875626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1341191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1206559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	545009	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	439835	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
35) Dibromofluoromethane	7.59	113	366447	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	10.09	98	1592249	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.40	95	550199	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	150007	19.432	ug/l	99
3) Chloromethane	2.06	50	204779	18.996	ug/l	100
4) Vinyl Chloride	2.19	62	198467	19.289	ug/l	99
5) Bromomethane	2.57	94	136723	20.335	ug/l	100
6) Chloroethane	2.71	64	118647	19.104	ug/l	99
7) Trichlorofluoromethane	3.02	101	258290	19.380	ug/l	99
8) Diethyl Ether	3.42	74	105019	20.104	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	161403	19.109	ug/l	100
10) Methyl Iodide	3.96	142	244014	20.610	ug/l	99
11) Tert butyl alcohol	4.78	59	52597	95.992	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	161191	19.729	ug/l	100
13) Acrolein	3.61	56	72558	105.320	ug/l	99
14) Allyl chloride	4.33	41	262013	19.897	ug/l	96
15) Acrylonitrile	4.99	53	320799	98.076	ug/l	100
16) Acetone	3.82	43	210993	94.849	ug/l	99
17) Carbon Disulfide	4.06	76	473424	18.795	ug/l	99
18) Methyl Acetate	4.33	43	149721	18.160	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	465183	20.287	ug/l	98
20) Methylene Chloride	4.55	84	187680	19.182	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	173528	19.781	ug/l	96
22) Diisopropyl ether	5.95	45	563206	19.853	ug/l	96
23) Vinyl Acetate	5.90	43	1775634	99.477	ug/l	100
24) 1,1-Dichloroethane	5.86	63	325820	19.914	ug/l	99
25) 2-Butanone	6.84	43	351827	94.137	ug/l	99
26) 2,2-Dichloropropane	6.83	77	229492	19.188	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	199898	19.954	ug/l	99
28) Bromochloromethane	7.20	49	142065	20.376	ug/l	98
29) Tetrahydrofuran	7.21	42	236975	96.084	ug/l	99
30) Chloroform	7.37	83	313258	19.452	ug/l	100
31) Cyclohexane	7.66	56	296012	18.918	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	262571	19.566	ug/l	99
36) 1,1-Dichloropropene	7.80	75	242194	19.343	ug/l	100
37) Ethyl Acetate	6.93	43	163001	19.986	ug/l	100
38) Carbon Tetrachloride	7.78	117	221040	19.126	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	266080	18.343	ug/l	98
40) Benzene	8.04	78	755157	19.744	ug/l	100
41) Methacrylonitrile	7.17	41	87999	17.380	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	221280	19.505	ug/l	100
43) Isopropyl Acetate	8.17	43	299471	18.666	ug/l	98
44) Trichloroethene	8.84	130	204801	19.501	ug/l	99
45) 1,2-Dichloropropane	9.12	63	198435	19.782	ug/l	99
46) Dibromomethane	9.21	93	115428	19.735	ug/l	99
47) Bromodichloromethane	9.40	83	235395	19.313	ug/l	99
48) Methyl methacrylate	9.20	41	147343	20.214	ug/l	99
49) 1,4-Dioxane	9.20	88	28201	363.137	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	808861	100.252	ug/l	100
52) Toluene	10.16	92	460163	19.611	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	243916	19.562	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	283274	19.660	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	168543	19.535	ug/l	99
56) Ethyl methacrylate	10.43	69	228488	20.379	ug/l	100
57) 1,3-Dichloropropane	10.71	76	288259	19.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	570633	94.143	ug/l	99
59) 2-Hexanone	10.75	43	544537	98.504	ug/l	99
60) Dibromochloromethane	10.90	129	179635	19.304	ug/l	100
61) 1,2-Dibromoethane	11.01	107	169293	19.884	ug/l	99
64) Tetrachloroethene	10.63	164	215729	18.997	ug/l	98
65) Chlorobenzene	11.43	112	510951	19.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	178163	19.420	ug/l	99
67) Ethyl Benzene	11.51	91	867128	19.469	ug/l	100
68) m/p-Xylenes	11.62	106	661688	39.509	ug/l	100
69) o-Xylene	11.95	106	324643	19.800	ug/l	100
70) Styrene	11.96	104	533914	20.008	ug/l	99
71) Bromoform	12.13	173	125072	19.301	ug/l #	100
73) Isopropylbenzene	12.25	105	844241	20.806	ug/l	99
74) N-amyl acetate	12.07	43	258926	21.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	197370	21.145	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	173933m	21.880	ug/l	
77) Bromobenzene	12.53	156	232149	21.436	ug/l	97
78) n-propylbenzene	12.59	91	934784	20.366	ug/l	99
79) 2-Chlorotoluene	12.68	91	569649	20.511	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	668785	20.461	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	54793	20.280	ug/l	96
82) 4-Chlorotoluene	12.77	91	581276	20.411	ug/l	100
83) tert-Butylbenzene	12.99	119	584352	20.377	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	676537	20.317	ug/l	100
85) sec-Butylbenzene	13.17	105	765303	20.236	ug/l	99
86) p-Isopropyltoluene	13.29	119	662247	20.225	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	368887	19.342	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	367708	19.436	ug/l	98
89) n-Butylbenzene	13.62	91	533303	19.426	ug/l	100
90) Hexachloroethane	13.88	117	96676	18.420	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	355852	19.920	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22639	19.996	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	116937	20.818	ug/l	99
94) Hexachlorobutadiene	15.01	225	98747	21.493	ug/l	100
95) Naphthalene	15.13	128	234326	24.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	87529	23.801	ug/l	97

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

