

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\
 Data File : VN053310.D
 Acq On : 8 Jan 2019 11:30
 Operator : MD\SY
 Sample : VN0108MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:57:36 AM

Quant Time: Jan 09 00:33:32 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	946310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1458074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	614873	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	464321	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
35) Dibromofluoromethane	7.59	113	386111	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
50) Toluene-d8	10.09	98	1693520	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	12.40	95	605897	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	153145	18.357	ug/l	98
3) Chloromethane	2.06	50	205640	17.651	ug/l	100
4) Vinyl Chloride	2.19	62	211075	18.982	ug/l	98
5) Bromomethane	2.54	94	133972	18.438	ug/l	100
6) Chloroethane	2.70	64	120901	18.013	ug/l	100
7) Trichlorofluoromethane	3.02	101	270750	18.798	ug/l	99
8) Diethyl Ether	3.41	74	109545	19.404	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	172281	18.873	ug/l	99
10) Methyl Iodide	3.96	142	254655	19.902	ug/l	99
11) Tert butyl alcohol	4.78	59	47278	79.839	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	169560	19.203	ug/l	97
13) Acrolein	3.61	56	71353	95.834	ug/l	99
14) Allyl chloride	4.33	41	273351	19.208	ug/l	97
15) Acrylonitrile	4.99	53	328663	92.975	ug/l	99
16) Acetone	3.81	43	223178	92.784	ug/l	99
17) Carbon Disulfide	4.06	76	471333	17.314	ug/l	99
18) Methyl Acetate	4.32	43	155993	17.507	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	479686	19.357	ug/l	97
20) Methylene Chloride	4.55	84	198532	18.776	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	182254	19.224	ug/l	99
22) Diisopropyl ether	5.95	45	592443	19.324	ug/l	98
23) Vinyl Acetate	5.90	43	1834902	95.119	ug/l	99
24) 1,1-Dichloroethane	5.85	63	342834	19.389	ug/l	100
25) 2-Butanone	6.83	43	367650	91.023	ug/l	100
26) 2,2-Dichloropropane	6.83	77	244986	18.954	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	209990	19.396	ug/l	98
28) Bromochloromethane	7.20	49	151611	20.121	ug/l	97
29) Tetrahydrofuran	7.21	42	246548	92.499	ug/l	99
30) Chloroform	7.37	83	332274	19.092	ug/l	100
31) Cyclohexane	7.66	56	325118	19.229	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	277237	19.116	ug/l	99
36) 1,1-Dichloropropene	7.80	75	262238	19.265	ug/l	99
37) Ethyl Acetate	6.93	43	167686	18.913	ug/l	100
38) Carbon Tetrachloride	7.77	117	236337	18.811	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	286105	18.143	ug/l	99
40) Benzene	8.04	78	808502	19.445	ug/l	100
41) Methacrylonitrile	7.17	41	93056	16.905	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	238074	19.303	ug/l	100
43) Isopropyl Acetate	8.17	43	304268	17.444	ug/l	100
44) Trichloroethene	8.84	130	220753	19.335	ug/l	100
45) 1,2-Dichloropropane	9.12	63	211134	19.360	ug/l	100
46) Dibromomethane	9.21	93	122351	19.242	ug/l	99
47) Bromodichloromethane	9.40	83	247229	18.658	ug/l	99
48) Methyl methacrylate	9.20	41	150394	18.979	ug/l	98
49) 1,4-Dioxane	9.20	88	23742	281.212	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	831196	94.762	ug/l	100
52) Toluene	10.16	92	499982	19.600	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	255701	18.863	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	302169	19.290	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	177612	18.936	ug/l	98
56) Ethyl methacrylate	10.43	69	241475	19.811	ug/l	98
57) 1,3-Dichloropropane	10.71	76	307776	19.622	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	639961	97.117	ug/l	100
59) 2-Hexanone	10.75	43	570788	94.976	ug/l	99
60) Dibromochloromethane	10.90	129	188316	18.615	ug/l	100
61) 1,2-Dibromoethane	11.01	107	177787	19.208	ug/l	99
64) Tetrachloroethene	10.63	164	236121	18.937	ug/l	99
65) Chlorobenzene	11.43	112	562225	19.536	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	187770	18.641	ug/l	99
67) Ethyl Benzene	11.51	91	959868	19.628	ug/l	99
68) m/p-Xylenes	11.62	106	731295	39.769	ug/l	100
69) o-Xylene	11.95	106	360731	20.038	ug/l	99
70) Styrene	11.96	104	590825	20.165	ug/l	100
71) Bromoform	12.13	173	128335	18.037	ug/l #	98
73) Isopropylbenzene	12.25	105	929838	20.311	ug/l	100
74) N-amyl acetate	12.07	43	295280	21.601	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	208049	19.756	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	180807m	20.161	ug/l	
77) Bromobenzene	12.53	156	271096	22.188	ug/l	89
78) n-propylbenzene	12.59	91	1062018	20.509	ug/l	99
79) 2-Chlorotoluene	12.68	91	634272	20.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	748379	20.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	58114	19.065	ug/l	96
82) 4-Chlorotoluene	12.77	91	649527	20.216	ug/l	99
83) tert-Butylbenzene	12.99	119	638232	19.727	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	756156	20.128	ug/l	99
85) sec-Butylbenzene	13.17	105	857599	20.100	ug/l	99
86) p-Isopropyltoluene	13.29	119	745754	20.187	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	416549	19.360	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	418589	19.612	ug/l	97
89) n-Butylbenzene	13.62	91	633373	20.450	ug/l	99
90) Hexachloroethane	13.88	117	105319	17.787	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	387916	19.247	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24178	18.929	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	128186	20.228	ug/l #	80
94) Hexachlorobutadiene	15.01	225	94079	18.150	ug/l	98
95) Naphthalene	15.13	128	247559	22.900	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	97692	23.546	ug/l #	39

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

