

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011419\
 Data File : VN053383.D
 Acq On : 14 Jan 2019 11:30
 Operator : JC/SP
 Sample : VN0114MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:14:09 AM

Quant Time: Jan 14 23:19:26 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	820570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1250956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1139197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	552722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	409723	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	7.59	113	357240	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.09	98	1484832	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.40	95	534459	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	137786	19.047	ug/l	99
3) Chloromethane	2.06	50	194447	19.248	ug/l	98
4) Vinyl Chloride	2.19	62	182942	18.973	ug/l	98
5) Bromomethane	2.55	94	119720	19.001	ug/l	100
6) Chloroethane	2.70	64	109151	18.754	ug/l	98
7) Trichlorofluoromethane	3.02	101	239746	19.196	ug/l	100
8) Diethyl Ether	3.41	74	93380	19.076	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	151405	19.128	ug/l	100
10) Methyl Iodide	3.96	142	222372	20.042	ug/l	100
11) Tert butyl alcohol	4.78	59	41620	81.055	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	145480	19.001	ug/l	98
13) Acrolein	3.61	56	57779	89.495	ug/l	100
14) Allyl chloride	4.33	41	242299	19.635	ug/l	96
15) Acrylonitrile	4.99	53	288651	94.168	ug/l	99
16) Acetone	3.82	43	186410	89.291	ug/l	99
17) Carbon Disulfide	4.06	76	403757	17.105	ug/l	100
18) Methyl Acetate	4.32	43	142231	18.409	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	415210	19.322	ug/l	99
20) Methylene Chloride	4.55	84	176070	19.203	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	157025	19.101	ug/l	98
22) Diisopropyl ether	5.95	45	535475	20.142	ug/l	99
23) Vinyl Acetate	5.90	43	1618349	96.749	ug/l	99
24) 1,1-Dichloroethane	5.85	63	300467	19.597	ug/l	100
25) 2-Butanone	6.83	43	317282	90.590	ug/l	99
26) 2,2-Dichloropropane	6.83	77	223939	19.980	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	187581	19.981	ug/l	99
28) Bromochloromethane	7.19	49	140333	21.478	ug/l	99
29) Tetrahydrofuran	7.21	42	212857	92.096	ug/l	98
30) Chloroform	7.37	83	301107	19.952	ug/l	99
31) Cyclohexane	7.66	56	278310	18.980	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	250234	19.898	ug/l	99
36) 1,1-Dichloropropene	7.79	75	227840	19.509	ug/l	99
37) Ethyl Acetate	6.93	43	141239	18.567	ug/l	99
38) Carbon Tetrachloride	7.78	117	212967	19.757	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	271882	20.095	ug/l	99
40) Benzene	8.04	78	707698	19.838	ug/l	99
41) Methacrylonitrile	7.17	41	75563	16.000	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	212497	20.082	ug/l	99
43) Isopropyl Acetate	8.16	43	258608	17.281	ug/l #	90
44) Trichloroethene	8.83	130	192728	19.675	ug/l	99
45) 1,2-Dichloropropane	9.12	63	187964	20.090	ug/l	97
46) Dibromomethane	9.21	93	107234	19.657	ug/l	100
47) Bromodichloromethane	9.40	83	223577	19.666	ug/l	98
48) Methyl methacrylate	9.20	41	128926	18.963	ug/l	99
49) 1,4-Dioxane	9.20	88	23900	329.953	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	718847	95.522	ug/l	100
52) Toluene	10.16	92	439965	20.103	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	229280	19.715	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	271289	20.187	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	158793	19.733	ug/l	98
56) Ethyl methacrylate	10.43	69	204331	19.539	ug/l	100
57) 1,3-Dichloropropane	10.71	76	269598	20.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	541956	95.861	ug/l	100
59) 2-Hexanone	10.75	43	496536	96.300	ug/l	99
60) Dibromochloromethane	10.90	129	171648	19.776	ug/l	99
61) 1,2-Dibromoethane	11.01	107	155368	19.565	ug/l	97
64) Tetrachloroethene	10.63	164	218513	20.380	ug/l	99
65) Chlorobenzene	11.43	112	497345	20.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	172280	19.889	ug/l	99
67) Ethyl Benzene	11.51	91	845309	20.102	ug/l	100
68) m/p-Xylenes	11.62	106	648129	40.988	ug/l	100
69) o-Xylene	11.95	106	317707	20.523	ug/l	99
70) Styrene	11.96	104	526345	20.891	ug/l	99
71) Bromoform	12.13	173	120271	19.658	ug/l #	99
73) Isopropylbenzene	12.25	105	838458	20.375	ug/l	100
74) N-amyl acetate	12.07	43	233661	19.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	182389	19.267	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	160463m	19.904	ug/l	
77) Bromobenzene	12.53	156	221200	20.140	ug/l	99
78) n-propylbenzene	12.59	91	965677	20.746	ug/l	98
79) 2-Chlorotoluene	12.67	91	572797	20.337	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	694688	20.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52914	19.311	ug/l	95
82) 4-Chlorotoluene	12.77	91	581570	20.137	ug/l	100
83) tert-Butylbenzene	12.99	119	611112	21.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	699940	20.727	ug/l	100
85) sec-Butylbenzene	13.17	105	835423	21.782	ug/l	100
86) p-Isopropyltoluene	13.29	119	728171	21.928	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	389109	20.118	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	382135	19.917	ug/l	99
89) n-Butylbenzene	13.62	91	600650	21.574	ug/l	99
90) Hexachloroethane	13.88	117	107616	20.219	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	366039	20.204	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22322	19.441	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	141216	24.790	ug/l	98
94) Hexachlorobutadiene	15.01	225	116718	25.050	ug/l	98
95) Naphthalene	15.13	128	234676	24.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	97037	26.018	ug/l	99

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

