

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051894.D
 Acq On : 16 Oct 2018 14:27
 Operator : MD\SY
 Sample : VN1016MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 1:12:01 PM

Quant Time: Oct 17 04:33:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	872964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1284585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1127096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	491338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	390718	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.59	113	388671	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.09	98	1433589	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.40	95	450522	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	108609	22.41	ug/l	98
3) Chloromethane	2.06	50	103541	17.64	ug/l	96
4) Vinyl Chloride	2.19	62	154399	17.54	ug/l	97
5) Bromomethane	2.57	94	117534	14.80	ug/l	98
6) Chloroethane	2.71	64	115470	17.86	ug/l	97
7) Trichlorofluoromethane	3.02	101	234200	17.91	ug/l	100
8) Diethyl Ether	3.41	74	70420	19.53	ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.76	101	144490	20.73	ug/l	98
10) Methyl Iodide	3.95	142	156635	17.05	ug/l	96
11) Tert butyl alcohol	4.79	59	38333	62.47	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	127961	20.42	ug/l	89
13) Acrolein	3.61	56	32353	64.09	ug/l	99
14) Allyl chloride	4.33	41	141289	17.96	ug/l #	74
15) Acrylonitrile	4.99	53	161063	80.63	ug/l	98
16) Acetone	3.82	43	128515	71.42	ug/l	96
17) Carbon Disulfide	4.06	76	281012	16.57	ug/l	99
18) Methyl Acetate	4.33	43	82519	16.75	ug/l #	87
19) Methyl tert-butyl Ether	5.05	73	352878	17.89	ug/l #	90
20) Methylene Chloride	4.55	84	145769	19.57	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	143701	19.53	ug/l	89
22) Diisopropyl ether	5.95	45	320651	18.44	ug/l #	86
23) Vinyl Acetate	5.90	43	1061792	83.49	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	229264	19.20	ug/l	95
25) 2-Butanone	6.84	43	188688	74.20	ug/l	92
26) 2,2-Dichloropropane	6.83	77	227208	18.79	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	166094	19.58	ug/l	88
28) Bromochloromethane	7.20	49	92467	18.45	ug/l #	67
29) Tetrahydrofuran	7.21	42	109016	71.94	ug/l #	76
30) Chloroform	7.37	83	279651	19.58	ug/l	100
31) Cyclohexane	7.66	56	202574	18.81	ug/l #	74
32) 1,1,1-Trichloroethane	7.57	97	259508	19.36	ug/l	97
36) 1,1-Dichloropropene	7.79	75	191657	18.43	ug/l	93
37) Ethyl Acetate	6.93	43	80121	15.01	ug/l #	94
38) Carbon Tetrachloride	7.77	117	228550	18.96	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	248744	19.47	ug/l	88
40) Benzene	8.04	78	588186	19.61	ug/l	99
41) Methacrylonitrile	7.17	41	43741	16.99	ug/l #	89
42) 1,2-Dichloroethane	8.13	62	186841	19.00	ug/l	100
43) Isopropyl Acetate	8.17	43	177766	16.30	ug/l #	87
44) Trichloroethene	8.84	130	179805	19.69	ug/l	99
45) 1,2-Dichloropropane	9.12	63	136724	19.38	ug/l	98
46) Dibromomethane	9.21	93	99704	18.42	ug/l	99
47) Bromodichloromethane	9.40	83	202022	18.68	ug/l	99
48) Methyl methacrylate	9.20	41	73269	15.40	ug/l #	75
49) 1,4-Dioxane	9.21	88	25680	310.40	ug/l	87
51) 4-Methyl-2-Pentanone	9.99	43	420129	75.80	ug/l	97
52) Toluene	10.16	92	393037	19.51	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	181390	16.74	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	215874	18.15	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	139454	18.40	ug/l	96
56) Ethyl methacrylate	10.43	69	146992	16.47	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	212492	18.05	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	313058	80.56	ug/l #	88
59) 2-Hexanone	10.75	43	269342	69.19	ug/l	97
60) Dibromochloromethane	10.90	129	152958	17.00	ug/l	98
61) 1,2-Dibromoethane	11.00	107	139657	17.89	ug/l	99
64) Tetrachloroethene	10.63	164	181532	21.00	ug/l	98
65) Chlorobenzene	11.43	112	448910	19.69	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	167058	19.23	ug/l	99
67) Ethyl Benzene	11.51	91	742758	19.68	ug/l	96
68) m/p-Xylenes	11.62	106	606040	39.76	ug/l	94
69) o-Xylene	11.95	106	293843	19.85	ug/l	94
70) Styrene	11.96	104	435010	19.05	ug/l	99
71) Bromoform	12.13	173	89733	15.76	ug/l #	98
73) Isopropylbenzene	12.25	105	783117	20.68	ug/l	99
74) N-amyl acetate	12.07	43	120023	15.99	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	150561	18.10	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	116696m	18.97	ug/l	
77) Bromobenzene	12.53	156	192268	20.37	ug/l	85
78) n-propylbenzene	12.59	91	819082	20.66	ug/l	96
79) 2-Chlorotoluene	12.67	91	490980	20.56	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	640823	20.77	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	30463	14.28	ug/l	92
82) 4-Chlorotoluene	12.77	91	470749	20.51	ug/l	96
83) tert-Butylbenzene	12.99	119	588184	20.56	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	650595	21.18	ug/l	100
85) sec-Butylbenzene	13.17	105	762084	20.56	ug/l	99
86) p-Isopropyltoluene	13.29	119	673677	20.67	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	325722	20.18	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	305967	19.55	ug/l	100
89) n-Butylbenzene	13.61	91	485671	20.04	ug/l	98
90) Hexachloroethane	13.87	117	104734	17.70	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	315607	20.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18151	14.83	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	111657	16.21	ug/l	99
94) Hexachlorobutadiene	15.01	225	101753	20.18	ug/l	100
95) Naphthalene	15.13	128	215109	15.24	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	115534	16.48	ug/l	98

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

