

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051452.D
 Acq On : 24 Sep 2018 11:27
 Operator : MD\SY
 Sample : VN0924MBSD01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2018 11:31:01 AM

Quant Time: Sep 25 02:34:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	508720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	711541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	635787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	309802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	326603	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	293124	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.09	98	1091391	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.40	95	345917	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	89691	18.898	ug/l	98
3) Chloromethane	2.06	50	155779	20.619	ug/l	97
4) Vinyl Chloride	2.19	62	169995	20.386	ug/l	99
5) Bromomethane	2.57	94	109649	21.975	ug/l	97
6) Chloroethane	2.71	64	106660	20.527	ug/l	97
7) Trichlorofluoromethane	3.02	101	213581	19.554	ug/l	99
8) Diethyl Ether	3.41	74	62286	16.320	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	111901	18.153	ug/l	98
10) Methyl Iodide	3.95	142	149660	18.452	ug/l	99
11) Tert butyl alcohol	4.79	59	33362	92.761	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	97420	17.212	ug/l	94
13) Acrolein	3.61	56	31050	86.941	ug/l	100
14) Allyl chloride	4.33	41	172028	18.115	ug/l	99
15) Acrylonitrile	4.99	53	180865	92.445	ug/l	98
16) Acetone	3.82	43	126810	72.460	ug/l	96
17) Carbon Disulfide	4.05	76	289149	17.388	ug/l	99
18) Methyl Acetate	4.33	43	91041	18.758	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	273126	18.713	ug/l	98
20) Methylene Chloride	4.55	84	120558	19.118	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	104748	18.091	ug/l	97
22) Diisopropyl ether	5.95	45	368546	20.077	ug/l	97
23) Vinyl Acetate	5.90	43	1136455	94.301	ug/l	100
24) 1,1-Dichloroethane	5.85	63	216548	19.772	ug/l	98
25) 2-Butanone	6.84	43	197479	90.537	ug/l	100
26) 2,2-Dichloropropane	6.83	77	174676	20.431	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	123013	19.362	ug/l	98
28) Bromochloromethane	7.20	49	96122	19.005	ug/l	100
29) Tetrahydrofuran	7.21	42	133339	96.465	ug/l	97
30) Chloroform	7.37	83	220293	20.299	ug/l	97
31) Cyclohexane	7.66	56	188823	18.817	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	190147	20.495	ug/l	100
36) 1,1-Dichloropropene	7.79	75	160930	19.531	ug/l	99
37) Ethyl Acetate	6.93	43	93853	19.810	ug/l	100
38) Carbon Tetrachloride	7.77	117	171203	19.865	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	179460	18.631	ug/l	97
40) Benzene	8.04	78	479425	19.816	ug/l	99
41) Methacrylonitrile	7.17	41	47672	18.188	ug/l	96
42) 1,2-Dichloroethane	8.13	62	156196	20.162	ug/l	99
43) Isopropyl Acetate	8.17	43	166496	19.435	ug/l #	89
44) Trichloroethene	8.84	130	129540	20.158	ug/l	97
45) 1,2-Dichloropropane	9.12	63	133864	20.355	ug/l	100
46) Dibromomethane	9.21	93	73975	19.907	ug/l	99
47) Bromodichloromethane	9.40	83	165197	20.089	ug/l	99
48) Methyl methacrylate	9.20	41	80706	18.896	ug/l	98
49) 1,4-Dioxane	9.20	88	19221	367.199	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	450054	95.524	ug/l	99
52) Toluene	10.16	92	298014	19.821	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	156036	18.795	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	188578	19.587	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	106886	20.115	ug/l	98
56) Ethyl methacrylate	10.43	69	118664	18.265	ug/l	97
57) 1,3-Dichloropropane	10.71	76	179334	19.690	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	299991	98.741	ug/l	100
59) 2-Hexanone	10.75	43	276312	90.468	ug/l	98
60) Dibromochloromethane	10.90	129	120861	19.277	ug/l	99
61) 1,2-Dibromoethane	11.00	107	99513	19.291	ug/l	100
64) Tetrachloroethene	10.63	164	118423	20.524	ug/l	98
65) Chlorobenzene	11.43	112	319214	19.569	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	123153	19.816	ug/l	99
67) Ethyl Benzene	11.51	91	537697	19.559	ug/l	100
68) m/p-Xylenes	11.62	106	409808	38.539	ug/l	99
69) o-Xylene	11.95	106	195519	19.126	ug/l	97
70) Styrene	11.96	104	310195	19.150	ug/l	99
71) Bromoform	12.13	173	80447	19.077	ug/l #	98
73) Isopropylbenzene	12.25	105	526126	20.128	ug/l	99
74) N-amyl acetate	12.07	43	125189	19.088	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	123956	20.336	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	108562m	21.109	ug/l	
77) Bromobenzene	12.53	156	129811	19.618	ug/l	97
78) n-propylbenzene	12.59	91	593179	20.135	ug/l	99
79) 2-Chlorotoluene	12.67	91	357299	20.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	442748	20.772	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	30223	18.070	ug/l	95
82) 4-Chlorotoluene	12.77	91	352203	20.011	ug/l	98
83) tert-Butylbenzene	12.99	119	386889	20.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	441223	20.543	ug/l	100
85) sec-Butylbenzene	13.17	105	522094	20.343	ug/l	98
86) p-Isopropyltoluene	13.29	119	452983	20.398	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	223209	19.493	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	216677	19.666	ug/l	98
89) n-Butylbenzene	13.61	91	355410	19.462	ug/l	99
90) Hexachloroethane	13.87	117	86391	19.524	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	219216	19.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17958	20.644	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	97078	20.250	ug/l	97
94) Hexachlorobutadiene	15.01	225	88208	20.983	ug/l	99
95) Naphthalene	15.13	128	165523	20.102	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	100642	18.875	ug/l	96

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

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