

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052861.D
 Acq On : 13 Dec 2018 13:47
 Operator : MD\SY
 Sample : VN1213MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213MBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 9:02:32 AM

Quant Time: Dec 14 03:02:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1070999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1642591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1465450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	680843	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	552960	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.59	113	461812	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.09	98	2005935	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	682910	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	202972	18.410	ug/l	99
3) Chloromethane	2.06	50	240851	18.202	ug/l	100
4) Vinyl Chloride	2.19	62	249209	18.825	ug/l	98
5) Bromomethane	2.58	94	149583	18.320	ug/l	99
6) Chloroethane	2.71	64	141347	18.064	ug/l	100
7) Trichlorofluoromethane	3.03	101	314171	19.142	ug/l	98
8) Diethyl Ether	3.41	74	122502	20.462	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	194503	19.122	ug/l	98
10) Methyl Iodide	3.96	142	271988	19.094	ug/l	99
11) Tert butyl alcohol	4.78	59	57032	89.631	ug/l	97
12) 1,1-Dichloroethene	3.74	96	192053	19.504	ug/l	98
13) Acrolein	3.61	56	62869	104.943	ug/l	98
14) Allyl chloride	4.33	41	316381	19.672	ug/l	94
15) Acrylonitrile	4.99	53	343600	96.255	ug/l	99
16) Acetone	3.82	43	222857	87.135	ug/l	95
17) Carbon Disulfide	4.06	76	533809	17.647	ug/l	98
18) Methyl Acetate	4.33	43	173652	18.500	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	529774	19.818	ug/l	98
20) Methylene Chloride	4.56	84	216957	18.850	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	204826	19.200	ug/l	98
22) Diisopropyl ether	5.95	45	670828	19.551	ug/l	99
23) Vinyl Acetate	5.90	43	1980460	97.003	ug/l	99
24) 1,1-Dichloroethane	5.85	63	390814	19.752	ug/l	99
25) 2-Butanone	6.83	43	369018	92.987	ug/l	98
26) 2,2-Dichloropropane	6.83	77	260832	17.901	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	238802	19.723	ug/l	99
28) Bromochloromethane	7.20	49	171055	19.252	ug/l	96
29) Tetrahydrofuran	7.21	42	259968	95.956	ug/l	99
30) Chloroform	7.37	83	376531	19.515	ug/l	100
31) Cyclohexane	7.66	56	381670	19.424	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	312961	19.386	ug/l	99
36) 1,1-Dichloropropene	7.80	75	299609	19.807	ug/l	99
37) Ethyl Acetate	6.93	43	177996	19.588	ug/l	99
38) Carbon Tetrachloride	7.78	117	264744	19.015	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	381130	20.533	ug/l	99
40) Benzene	8.04	78	905606	19.948	ug/l	100
41) Methacrylonitrile	7.18	41	96951	19.256	ug/l	97
42) 1,2-Dichloroethane	8.13	62	268421	19.639	ug/l	99
43) Isopropyl Acetate	8.16	43	327989	17.605	ug/l	99
44) Trichloroethene	8.84	130	242751	19.796	ug/l	97
45) 1,2-Dichloropropane	9.12	63	241171	20.282	ug/l	98
46) Dibromomethane	9.21	93	134436	19.494	ug/l	98
47) Bromodichloromethane	9.40	83	280745	19.632	ug/l	98
48) Methyl methacrylate	9.20	41	156739	19.184	ug/l	98
49) 1,4-Dioxane	9.20	88	36321	391.646	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	841256	98.475	ug/l	100
52) Toluene	10.16	92	555132	20.189	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	271758	18.885	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	331101	19.308	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	196214	19.990	ug/l	99
56) Ethyl methacrylate	10.43	69	248996	19.767	ug/l	99
57) 1,3-Dichloropropane	10.71	76	336549	19.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	700321	99.639	ug/l	99
59) 2-Hexanone	10.75	43	567380	96.912	ug/l	99
60) Dibromochloromethane	10.90	129	198688	18.730	ug/l	100
61) 1,2-Dibromoethane	11.01	107	190121	19.596	ug/l	99
64) Tetrachloroethene	10.63	164	249891	19.840	ug/l	98
65) Chlorobenzene	11.43	112	607633	19.986	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	205579	19.442	ug/l	99
67) Ethyl Benzene	11.51	91	1047694	20.067	ug/l	100
68) m/p-Xylenes	11.62	106	793225	40.461	ug/l	100
69) o-Xylene	11.95	106	393322	20.546	ug/l	98
70) Styrene	11.96	104	630564	20.490	ug/l	99
71) Bromoform	12.13	173	129798	18.069	ug/l #	98
73) Isopropylbenzene	12.25	105	1032039	20.302	ug/l	100
74) N-amyl acetate	12.07	43	276749	19.830	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	216657	19.017	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	190270m	18.942	ug/l	
77) Bromobenzene	12.53	156	284407	21.997	ug/l	89
78) n-propylbenzene	12.59	91	1172799	20.229	ug/l	100
79) 2-Chlorotoluene	12.68	91	688836	20.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	828812	20.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	53631	17.152	ug/l	95
82) 4-Chlorotoluene	12.77	91	692095	19.750	ug/l	99
83) tert-Butylbenzene	12.99	119	731229	20.200	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	831797	20.022	ug/l	100
85) sec-Butylbenzene	13.17	105	978848	19.967	ug/l	99
86) p-Isopropyltoluene	13.29	119	852436	20.070	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	451923	19.669	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	448096	19.693	ug/l	98
89) n-Butylbenzene	13.62	91	704738	19.710	ug/l	99
90) Hexachloroethane	13.88	117	125835	17.693	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	437915	19.813	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32843	19.124	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	240057	19.981	ug/l	99
94) Hexachlorobutadiene	15.01	225	134095	19.283	ug/l	99
95) Naphthalene	15.13	128	515445	20.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	222890	20.219	ug/l	98

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

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