

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052961.D
 Acq On : 18 Dec 2018 15:18
 Operator : MD\SY
 Sample : J6378-12MS 20X
 Misc : 3.98g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SD012-0612-01MS

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:06:41 PM

Quant Time: Dec 19 04:05:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1010049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1584008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1439373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	678613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	564431	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
35) Dibromofluoromethane	7.59	113	385490	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	10.09	98	1947595	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	699458	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	476403	46.603	ug/l	99
3) Chloromethane	2.06	50	630177	50.872	ug/l	100
4) Vinyl Chloride	2.19	62	600688	47.880	ug/l	99
5) Bromomethane	2.56	94	390832	44.964	ug/l	99
6) Chloroethane	2.71	64	363996	48.989	ug/l	100
7) Trichlorofluoromethane	3.02	101	731374	46.797	ug/l	99
8) Diethyl Ether	3.41	74	315950	53.587	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	447563	44.915	ug/l	98
10) Methyl Iodide	3.96	142	721281	51.543	ug/l	99
11) Tert butyl alcohol	4.77	59	177915	284.473	ug/l	98
12) 1,1-Dichloroethene	3.74	96	449967	46.740	ug/l	100
13) Acrolein	3.61	56	157627	277.956	ug/l	99
14) Allyl chloride	4.33	41	692191	46.418	ug/l	98
15) Acrylonitrile	4.98	53	946917	272.532	ug/l	99
16) Acetone	3.81	43	617456	307.235	ug/l	97
17) Carbon Disulfide	4.06	76	1312916	41.818	ug/l	99
18) Methyl Acetate	4.32	43	519670	56.833	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1420786	55.149	ug/l	99
20) Methylene Chloride	4.55	84	553242	50.466	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	487287	47.111	ug/l	98
22) Diisopropyl ether	5.95	45	1708610	53.679	ug/l	96
23) Vinyl Acetate	5.90	43	4737190	258.818	ug/l	98
24) 1,1-Dichloroethane	5.85	63	953884	50.432	ug/l	99
25) 2-Butanone	6.83	43	996010	295.306	ug/l	97
26) 2,2-Dichloropropane	6.83	77	438845	30.394	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	581790	49.683	ug/l	96
28) Bromochloromethane	7.19	49	442024	53.932	ug/l	96
29) Tetrahydrofuran	7.21	42	700302	278.003	ug/l	98
30) Chloroform	7.37	83	939614	50.570	ug/l	100
31) Cyclohexane	7.65	56	819541	46.118	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	762982	48.204	ug/l	99
36) 1,1-Dichloropropene	7.79	75	685446	45.084	ug/l	100
37) Ethyl Acetate	6.93	43	468073	55.149	ug/l	98
38) Carbon Tetrachloride	7.77	117	647928	46.494	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	804276	43.546	ug/l	98
40) Benzene	8.04	78	2162882	47.827	ug/l	99
41) Methacrylonitrile	7.17	41	264881	54.013	ug/l	96
42) 1,2-Dichloroethane	8.12	62	668327	50.026	ug/l	99
43) Isopropyl Acetate	8.16	43	883695	53.884	ug/l	99
44) Trichloroethene	8.83	130	603867	46.166	ug/l	97
45) 1,2-Dichloropropane	9.12	63	584188	49.594	ug/l	99
46) Dibromomethane	9.21	93	343103	50.001	ug/l	99
47) Bromodichloromethane	9.40	83	721231	49.446	ug/l	99
48) Methyl methacrylate	9.20	41	442377	53.713	ug/l	99
49) 1,4-Dioxane	9.20	88	111050	1065.926	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	2305566	280.501	ug/l	99
52) Toluene	10.16	92	2272099	81.058	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	709267	46.242	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	811240	46.079	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	500112	51.141	ug/l	100
56) Ethyl methacrylate	10.43	69	700063	54.086	ug/l	97
57) 1,3-Dichloropropane	10.71	76	845265	50.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1907517	268.441	ug/l	98
59) 2-Hexanone	10.75	43	1564933	281.405	ug/l	99
60) Dibromochloromethane	10.90	129	560686	50.089	ug/l	100
61) 1,2-Dibromoethane	11.00	107	506955	51.045	ug/l	100
64) Tetrachloroethene	10.63	164	711854	45.656	ug/l	98
65) Chlorobenzene	11.43	112	1557817	48.824	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	535968	48.305	ug/l	99
67) Ethyl Benzene	11.51	91	2892840	52.720	ug/l	100
68) m/p-Xylenes	11.62	106	3031449	145.325	ug/l	99
69) o-Xylene	11.95	106	1208296	60.365	ug/l	100
70) Styrene	11.96	104	1599632	49.009	ug/l	98
71) Bromoform	12.13	173	400758	49.997	ug/l #	100
73) Isopropylbenzene	12.25	105	2527749	47.607	ug/l	100
74) N-amyl acetate	12.07	43	807905	54.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	553198	53.108	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	508044m	44.473	ug/l	
77) Bromobenzene	12.53	156	817200	59.210	ug/l	77
78) n-propylbenzene	12.59	91	2830336	46.805	ug/l	99
79) 2-Chlorotoluene	12.67	91	1689852	45.083	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2045146	47.257	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	158343	44.675	ug/l	96
82) 4-Chlorotoluene	12.77	91	1717785	46.816	ug/l	100
83) tert-Butylbenzene	12.99	119	1783719	46.603	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2115387	48.623	ug/l	100
85) sec-Butylbenzene	13.17	105	2356916	45.526	ug/l	99
86) p-Isopropyltoluene	13.29	119	2082145	46.545	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1143790	46.824	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1194830	48.300	ug/l	100
89) n-Butylbenzene	13.62	91	1702616	44.241	ug/l	99
90) Hexachloroethane	13.88	117	323830	47.172	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1081668	47.050	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91342	50.715	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	576115	47.332	ug/l	100
94) Hexachlorobutadiene	15.01	225	305266	48.307	ug/l	99
95) Naphthalene	15.13	128	1396316	52.279	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	524060	47.802	ug/l	100

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

