

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052963.D
 Acq On : 18 Dec 2018 16:11
 Operator : MD\SY
 Sample : VN1218MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:06:49 PM

Quant Time: Dec 19 04:08:21 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	7.67	168	1178890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1809126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1562920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	666136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	635274	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
35) Dibromofluoromethane	7.59	113	434490	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
50) Toluene-d8	10.09	98	2264151	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.40	95	735937	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	234774	19.677	ug/l	100
3) Chloromethane	2.06	50	268782	18.590	ug/l	99
4) Vinyl Chloride	2.19	62	287759	19.652	ug/l	98
5) Bromomethane	2.58	94	191220	18.849	ug/l	100
6) Chloroethane	2.71	64	171777	19.808	ug/l	100
7) Trichlorofluoromethane	3.03	101	366579	20.096	ug/l	100
8) Diethyl Ether	3.41	74	140594	20.430	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	232913	20.026	ug/l	97
10) Methyl Iodide	3.96	142	321600	19.690	ug/l	100
11) Tert butyl alcohol	4.78	59	77476	106.136	ug/l	99
12) 1,1-Dichloroethene	3.74	96	225578	20.076	ug/l	98
13) Acrolein	3.61	56	87497	132.193	ug/l	97
14) Allyl chloride	4.33	41	348231	20.008	ug/l	99
15) Acrylonitrile	4.99	53	413834	102.047	ug/l	100
16) Acetone	3.82	43	244154	104.087	ug/l	96
17) Carbon Disulfide	4.06	76	700751	19.123	ug/l	100
18) Methyl Acetate	4.32	43	210903	20.409	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	635832	21.145	ug/l	99
20) Methylene Chloride	4.55	84	251436	19.651	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	245691	20.351	ug/l	98
22) Diisopropyl ether	5.95	45	776815	20.910	ug/l	97
23) Vinyl Acetate	5.90	43	2313744	108.307	ug/l	99
24) 1,1-Dichloroethane	5.85	63	448317	20.308	ug/l	99
25) 2-Butanone	6.84	43	431478	109.607	ug/l	99
26) 2,2-Dichloropropane	6.83	77	334339	19.840	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	279333	20.438	ug/l	98
28) Bromochloromethane	7.20	49	215668	22.545	ug/l	96
29) Tetrahydrofuran	7.21	42	305414	103.878	ug/l	97
30) Chloroform	7.37	83	434495	20.035	ug/l	98
31) Cyclohexane	7.66	56	435170	20.396	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	372253	20.150	ug/l	99
36) 1,1-Dichloropropene	7.79	75	344609	19.846	ug/l	100
37) Ethyl Acetate	6.93	43	211157	21.783	ug/l	98
38) Carbon Tetrachloride	7.78	117	318728	20.025	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	415344	19.690	ug/l	98
40) Benzene	8.04	78	1039561	20.127	ug/l	99
41) Methacrylonitrile	7.17	41	119610	21.355	ug/l	95
42) 1,2-Dichloroethane	8.13	62	306486	20.086	ug/l	99
43) Isopropyl Acetate	8.16	43	400202	20.722	ug/l	99
44) Trichloroethene	8.84	130	292449	19.576	ug/l	99
45) 1,2-Dichloropropane	9.12	63	273657	20.341	ug/l	100
46) Dibromomethane	9.21	93	158560	20.232	ug/l	98
47) Bromodichloromethane	9.40	83	334407	20.073	ug/l	99
48) Methyl methacrylate	9.20	41	194594	20.687	ug/l	98
49) 1,4-Dioxane	9.20	88	45287	380.602	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1004095	106.960	ug/l	99
52) Toluene	10.16	92	631855	19.737	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	343858	19.629	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	404516	20.117	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	226380	20.269	ug/l	99
56) Ethyl methacrylate	10.43	69	307739	20.817	ug/l	97
57) 1,3-Dichloropropane	10.71	76	383045	20.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	850756	104.827	ug/l	97
59) 2-Hexanone	10.75	43	667480	105.091	ug/l	98
60) Dibromochloromethane	10.90	129	248508	19.438	ug/l	99
61) 1,2-Dibromoethane	11.01	107	226396	19.959	ug/l	99
64) Tetrachloroethene	10.63	164	324840	19.187	ug/l	99
65) Chlorobenzene	11.43	112	682636	19.703	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	246264	20.440	ug/l	100
67) Ethyl Benzene	11.51	91	1181388	19.828	ug/l	99
68) m/p-Xylenes	11.62	106	882858	38.978	ug/l	100
69) o-Xylene	11.95	106	430339	19.800	ug/l	100
70) Styrene	11.96	104	695013	19.611	ug/l	99
71) Bromoform	12.13	173	166405	19.119	ug/l	# 100
73) Isopropylbenzene	12.25	105	1143500	21.940	ug/l	100
74) N-amyl acetate	12.07	43	331030	22.877	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	237186	23.197	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	217214m	19.370	ug/l	
77) Bromobenzene	12.53	156	300407	22.173	ug/l	93
78) n-propylbenzene	12.59	91	1258348	21.199	ug/l	99
79) 2-Chlorotoluene	12.68	91	732525	19.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	881782	20.757	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	74886	21.524	ug/l	98
82) 4-Chlorotoluene	12.77	91	744111	20.660	ug/l	100
83) tert-Butylbenzene	12.99	119	786406	20.931	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	884260	20.706	ug/l	100
85) sec-Butylbenzene	13.17	105	1044225	20.548	ug/l	99
86) p-Isopropyltoluene	13.29	119	894450	20.369	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	475285	19.821	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	472794	19.470	ug/l	99
89) n-Butylbenzene	13.62	91	728431	19.282	ug/l	100
90) Hexachloroethane	13.88	117	131779	19.556	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	444829	19.711	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35833	20.268	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	251614	21.390	ug/l	99
94) Hexachlorobutadiene	15.01	225	139865	20.923	ug/l	98
95) Naphthalene	15.13	128	569802	22.403	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	234936	22.107	ug/l	100

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

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