

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052944.D
 Acq On : 17 Dec 2018 23:38
 Operator : MD\SY
 Sample : VN1217MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 1:33:54 PM

Quant Time: Dec 18 06:41:39 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	1143056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1765189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1583329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	703211	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	585475	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	7.59	113	357985	36.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.66%	
50) Toluene-d8	10.09	98	2103133	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	12.40	95	721335	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	217718	18.503	ug/l	100
3) Chloromethane	2.06	50	267902	18.970	ug/l	99
4) Vinyl Chloride	2.19	62	269550	19.078	ug/l	99
5) Bromomethane	2.58	94	172445	19.789	ug/l	99
6) Chloroethane	2.71	64	159013	19.041	ug/l	99
7) Trichlorofluoromethane	3.03	101	333558	19.042	ug/l	99
8) Diethyl Ether	3.41	74	127959	20.026	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	200529	18.472	ug/l	98
10) Methyl Iodide	3.96	142	287975	18.942	ug/l	99
11) Tert butyl alcohol	4.77	59	72218	106.342	ug/l	100
12) 1,1-Dichloroethene	3.74	96	202525	19.271	ug/l	97
13) Acrolein	3.61	56	55317	86.516	ug/l	99
14) Allyl chloride	4.33	41	311985	18.175	ug/l	97
15) Acrylonitrile	4.99	53	387574	101.729	ug/l	99
16) Acetone	3.82	43	246655	90.360	ug/l	95
17) Carbon Disulfide	4.06	76	590836	18.301	ug/l	99
18) Methyl Acetate	4.32	43	208706	20.833	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	573980	20.118	ug/l	98
20) Methylene Chloride	4.56	84	234304	19.074	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	214042	18.799	ug/l	99
22) Diisopropyl ether	5.95	45	712581	19.459	ug/l	97
23) Vinyl Acetate	5.90	43	2056256	94.367	ug/l	99
24) 1,1-Dichloroethane	5.85	63	407037	19.275	ug/l	99
25) 2-Butanone	6.83	43	407270	96.156	ug/l	96
26) 2,2-Dichloropropane	6.83	77	265818	17.093	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	249202	19.285	ug/l	99
28) Bromochloromethane	7.19	49	194514	20.513	ug/l	96
29) Tetrahydrofuran	7.21	42	286263	99.001	ug/l	99
30) Chloroform	7.37	83	399335	19.392	ug/l	98
31) Cyclohexane	7.66	56	382817	18.218	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	334400	19.408	ug/l	100
36) 1,1-Dichloropropene	7.79	75	305176	18.774	ug/l	99
37) Ethyl Acetate	6.93	43	195083	19.978	ug/l	99
38) Carbon Tetrachloride	7.77	117	281508	18.815	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	362239	18.159	ug/l	98
40) Benzene	8.04	78	942583	19.320	ug/l	99
41) Methacrylonitrile	7.18	41	109978	20.327	ug/l	93
42) 1,2-Dichloroethane	8.12	62	279799	19.050	ug/l	99
43) Isopropyl Acetate	8.16	43	395090	19.734	ug/l	97
44) Trichloroethene	8.84	130	269857	20.478	ug/l	96
45) 1,2-Dichloropropane	9.12	63	249513	19.526	ug/l	99
46) Dibromomethane	9.21	93	145960	19.695	ug/l	98
47) Bromodichloromethane	9.40	83	305431	19.875	ug/l	99
48) Methyl methacrylate	9.20	41	180862	20.599	ug/l	99
49) 1,4-Dioxane	9.20	88	42572	427.168	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	947591	103.218	ug/l	99
52) Toluene	10.16	92	583325	19.741	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	315582	20.407	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	358810	19.471	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	211668	20.067	ug/l	98
56) Ethyl methacrylate	10.43	69	287470	21.236	ug/l	98
57) 1,3-Dichloropropane	10.71	76	360313	19.920	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	787661	104.282	ug/l	98
59) 2-Hexanone	10.75	43	642816	102.172	ug/l	99
60) Dibromochloromethane	10.90	129	229181	20.104	ug/l	98
61) 1,2-Dibromoethane	11.01	107	213210	20.449	ug/l	99
64) Tetrachloroethene	10.63	164	315690	23.198	ug/l	98
65) Chlorobenzene	11.43	112	648812	19.752	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	225045	19.699	ug/l	99
67) Ethyl Benzene	11.51	91	1113122	19.732	ug/l	100
68) m/p-Xylenes	11.62	106	846376	39.958	ug/l	99
69) o-Xylene	11.95	106	415261	20.077	ug/l	99
70) Styrene	11.96	104	676855	20.357	ug/l	99
71) Bromoform	12.13	173	157677	20.316	ug/l #	100
73) Isopropylbenzene	12.25	105	1093612	20.829	ug/l	100
74) N-amyl acetate	12.07	43	327393	22.713	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	227728	19.353	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	214125m	20.638	ug/l	
77) Bromobenzene	12.53	156	280581	21.011	ug/l	98
78) n-propylbenzene	12.59	91	1225658	20.468	ug/l	100
79) 2-Chlorotoluene	12.68	91	721264	20.374	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	867306	20.463	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	69330	21.467	ug/l	98
82) 4-Chlorotoluene	12.77	91	723396	19.986	ug/l	99
83) tert-Butylbenzene	12.99	119	770661	20.612	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	866479	20.194	ug/l	99
85) sec-Butylbenzene	13.17	105	1029173	20.326	ug/l	100
86) p-Isopropyltoluene	13.29	119	873601	19.914	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	466264	19.648	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	461188	19.624	ug/l	99
89) n-Butylbenzene	13.62	91	708779	19.193	ug/l	100
90) Hexachloroethane	13.88	117	128285	17.464	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	438578	19.212	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35480	20.003	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	224593	18.099	ug/l	98
94) Hexachlorobutadiene	15.01	225	129805	18.072	ug/l	99
95) Naphthalene	15.13	128	499053	19.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	208722	18.331	ug/l	99

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

