

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
 Data File : VN053026.D
 Acq On : 19 Dec 2018 22:50
 Operator : MD\SY
 Sample : VN1219MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBS02

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 4:58:40 PM

Quant Time: Dec 20 06:53:59 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	1072366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1663781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1467721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	664715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	567976	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	7.59	113	451464	59.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.80%	
50) Toluene-d8	10.09	98	2085579	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	714272	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	208890	19.247	ug/l	100
3) Chloromethane	2.06	50	261859	19.911	ug/l	99
4) Vinyl Chloride	2.19	62	263320	19.769	ug/l	99
5) Bromomethane	2.58	94	177891	19.277	ug/l	99
6) Chloroethane	2.71	64	156230	19.805	ug/l	97
7) Trichlorofluoromethane	3.03	101	332604	20.045	ug/l	97
8) Diethyl Ether	3.41	74	126998	20.288	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	205550	19.429	ug/l	98
10) Methyl Iodide	3.96	142	290261	19.537	ug/l	100
11) Tert butyl alcohol	4.77	59	62928	94.770	ug/l	100
12) 1,1-Dichloroethene	3.74	96	201901	19.753	ug/l	99
13) Acrolein	3.61	56	64600	107.294	ug/l	99
14) Allyl chloride	4.33	41	326430	20.618	ug/l	96
15) Acrylonitrile	4.99	53	362878	98.371	ug/l	100
16) Acetone	3.82	43	220182	103.192	ug/l	96
17) Carbon Disulfide	4.06	76	574728	17.242	ug/l	99
18) Methyl Acetate	4.33	43	184663	19.682	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	558457	20.417	ug/l	99
20) Methylene Chloride	4.56	84	236542	20.323	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	212997	19.396	ug/l	100
22) Diisopropyl ether	5.95	45	708622	20.969	ug/l	97
23) Vinyl Acetate	5.90	43	2024922	104.203	ug/l	99
24) 1,1-Dichloroethane	5.85	63	408938	20.364	ug/l	99
25) 2-Butanone	6.83	43	369590	103.212	ug/l	98
26) 2,2-Dichloropropane	6.83	77	262421	17.119	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	250412	20.142	ug/l	98
28) Bromochloromethane	7.20	49	181520	20.861	ug/l	96
29) Tetrahydrofuran	7.21	42	263424	98.496	ug/l	97
30) Chloroform	7.37	83	399453	20.249	ug/l	99
31) Cyclohexane	7.66	56	384594	19.785	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	331821	19.746	ug/l	99
36) 1,1-Dichloropropene	7.79	75	311767	19.523	ug/l	99
37) Ethyl Acetate	6.93	43	175961	19.738	ug/l	98
38) Carbon Tetrachloride	7.78	117	282497	19.300	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	358863	18.498	ug/l	97
40) Benzene	8.04	78	946687	19.930	ug/l	100
41) Methacrylonitrile	7.17	41	104669	20.320	ug/l	93
42) 1,2-Dichloroethane	8.13	62	277544	19.779	ug/l	98
43) Isopropyl Acetate	8.16	43	342490	19.209	ug/l	99
44) Trichloroethene	8.83	130	264945	19.284	ug/l	96
45) 1,2-Dichloropropane	9.12	63	248839	20.112	ug/l	99
46) Dibromomethane	9.21	93	140712	19.523	ug/l	98
47) Bromodichloromethane	9.40	83	300478	19.612	ug/l	99
48) Methyl methacrylate	9.20	41	167919	19.411	ug/l	99
49) 1,4-Dioxane	9.20	88	40351	368.743	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	862562	99.910	ug/l	99
52) Toluene	10.16	92	581285	19.743	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	298568	18.532	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	351645	19.016	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	203056	19.769	ug/l	99
56) Ethyl methacrylate	10.43	69	265978	19.564	ug/l	97
57) 1,3-Dichloropropane	10.71	76	351573	19.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	751847	100.733	ug/l	98
59) 2-Hexanone	10.75	43	574518	98.356	ug/l	99
60) Dibromochloromethane	10.90	129	224301	19.077	ug/l	99
61) 1,2-Dibromoethane	11.01	107	201099	19.278	ug/l	99
64) Tetrachloroethene	10.63	164	295730	18.601	ug/l	99
65) Chlorobenzene	11.43	112	645185	19.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	226904	20.055	ug/l	99
67) Ethyl Benzene	11.51	91	1099089	19.643	ug/l	98
68) m/p-Xylenes	11.62	106	832796	39.153	ug/l	100
69) o-Xylene	11.95	106	409412	20.059	ug/l	99
70) Styrene	11.96	104	655661	19.700	ug/l	99
71) Bromoform	12.13	173	146716	17.950	ug/l #	98
73) Isopropylbenzene	12.25	105	1071185	20.596	ug/l	99
74) N-amyl acetate	12.07	43	295282	20.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	223203	21.876	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	198836m	17.769	ug/l	
77) Bromobenzene	12.53	156	276006	20.416	ug/l	98
78) n-propylbenzene	12.59	91	1189687	20.085	ug/l	99
79) 2-Chlorotoluene	12.67	91	714906	19.472	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	845293	19.940	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	61173	17.620	ug/l	100
82) 4-Chlorotoluene	12.77	91	726146	20.204	ug/l	100
83) tert-Butylbenzene	12.99	119	751396	20.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	855097	20.066	ug/l	100
85) sec-Butylbenzene	13.17	105	981082	19.347	ug/l	100
86) p-Isopropyltoluene	13.29	119	843376	19.247	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	470059	19.645	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	462890	19.103	ug/l	98
89) n-Butylbenzene	13.62	91	668897	17.744	ug/l	100
90) Hexachloroethane	13.88	117	125544	18.670	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	449064	19.941	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33297	18.874	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	214787	18.384	ug/l	99
94) Hexachlorobutadiene	15.01	225	133208	19.831	ug/l	98
95) Naphthalene	15.13	128	445378	17.797	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	192297	18.225	ug/l	99

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

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