

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053128.D
 Acq On : 22 Dec 2018 13:11
 Operator : MD\SY
 Sample : VN1222MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 9:32:45 AM

Quant Time: Dec 23 23:40:51 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	1045668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1620162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1358498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	566610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	480386	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	7.59	113	382718	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.09	98	1665098	41.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.82%	
62) 4-Bromofluorobenzene	12.40	95	529139	37.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	196337	18.552	ug/l	100
3) Chloromethane	2.06	50	227564	17.745	ug/l	100
4) Vinyl Chloride	2.19	62	251512	19.365	ug/l	99
5) Bromomethane	2.58	94	161745	17.975	ug/l	98
6) Chloroethane	2.71	64	149230	19.400	ug/l	97
7) Trichlorofluoromethane	3.03	101	332947	20.578	ug/l	97
8) Diethyl Ether	3.42	74	127904	20.954	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	214162	20.760	ug/l	98
10) Methyl Iodide	3.96	142	266802	18.416	ug/l	99
11) Tert butyl alcohol	4.78	59	60500	93.440	ug/l	99
12) 1,1-Dichloroethene	3.74	96	206640	20.733	ug/l	98
13) Acrolein	3.61	56	72437	123.383	ug/l	97
14) Allyl chloride	4.33	41	310629	20.121	ug/l	99
15) Acrylonitrile	4.99	53	362152	100.680	ug/l	99
16) Acetone	3.82	43	222376	106.881	ug/l	99
17) Carbon Disulfide	4.06	76	545556	16.785	ug/l	99
18) Methyl Acetate	4.33	43	195435	21.277	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	558323	20.933	ug/l	100
20) Methylene Chloride	4.56	84	228246	20.111	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	213398	19.928	ug/l	99
22) Diisopropyl ether	5.95	45	716647	21.748	ug/l	99
23) Vinyl Acetate	5.90	43	2021113	106.663	ug/l	98
24) 1,1-Dichloroethane	5.85	63	414743	21.181	ug/l	99
25) 2-Butanone	6.84	43	370336	106.060	ug/l	99
26) 2,2-Dichloropropane	6.83	77	293790	19.655	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	251666	20.760	ug/l	99
28) Bromochloromethane	7.20	49	166440	19.616	ug/l	97
29) Tetrahydrofuran	7.21	42	266241	102.091	ug/l	99
30) Chloroform	7.37	83	402943	20.948	ug/l	99
31) Cyclohexane	7.66	56	383721	20.269	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	334850	20.435	ug/l	100
36) 1,1-Dichloropropene	7.80	75	303793	19.536	ug/l	99
37) Ethyl Acetate	6.93	43	173946	20.037	ug/l	99
38) Carbon Tetrachloride	7.78	117	283379	19.881	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	350330	18.545	ug/l	99
40) Benzene	8.04	78	946823	20.469	ug/l	100
41) Methacrylonitrile	7.18	41	110127	21.956	ug/l	92
42) 1,2-Dichloroethane	8.13	62	277518	20.309	ug/l	99
43) Isopropyl Acetate	8.16	43	325754	18.737	ug/l	98
44) Trichloroethene	8.84	130	256222	19.151	ug/l	99
45) 1,2-Dichloropropane	9.12	63	248876	20.657	ug/l	98
46) Dibromomethane	9.21	93	139112	19.820	ug/l	99
47) Bromodichloromethane	9.40	83	297632	19.950	ug/l	100
48) Methyl methacrylate	9.20	41	162084	19.241	ug/l	98
49) 1,4-Dioxane	9.20	88	37171	348.828	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	845548	100.576	ug/l	99
52) Toluene	10.16	92	559071	19.500	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	286450	18.259	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	346010	19.215	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	203637	20.359	ug/l	96
56) Ethyl methacrylate	10.43	69	252658	19.085	ug/l	98
57) 1,3-Dichloropropane	10.71	76	345137	20.122	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	729213	100.331	ug/l	99
59) 2-Hexanone	10.75	43	530535	93.272	ug/l	98
60) Dibromochloromethane	10.90	129	214217	18.710	ug/l	100
61) 1,2-Dibromoethane	11.01	107	191146	18.817	ug/l	99
64) Tetrachloroethene	10.63	164	277204	18.837	ug/l	98
65) Chlorobenzene	11.43	112	597413	19.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	217102	20.732	ug/l	99
67) Ethyl Benzene	11.51	91	1032901	19.945	ug/l	100
68) m/p-Xylenes	11.62	106	764930	38.853	ug/l	99
69) o-Xylene	11.95	106	371034	19.640	ug/l	99
70) Styrene	11.96	104	601119	19.513	ug/l	100
71) Bromoform	12.13	173	134117	17.728	ug/l #	100
73) Isopropylbenzene	12.25	105	989701	22.325	ug/l	100
74) N-amyl acetate	12.07	43	252006	20.475	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	205066	23.578	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	178797m	18.745	ug/l	
77) Bromobenzene	12.53	156	245875	21.336	ug/l	98
78) n-propylbenzene	12.59	91	1073323	21.258	ug/l	100
79) 2-Chlorotoluene	12.67	91	641559	20.499	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	756424	20.933	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54390	18.379	ug/l	98
82) 4-Chlorotoluene	12.77	91	637922	20.822	ug/l	99
83) tert-Butylbenzene	12.99	119	669123	20.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	759321	20.903	ug/l	100
85) sec-Butylbenzene	13.17	105	868883	20.101	ug/l	100
86) p-Isopropyltoluene	13.29	119	738428	19.770	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	403461	19.781	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	394945	19.121	ug/l	99
89) n-Butylbenzene	13.62	91	571558	17.787	ug/l	100
90) Hexachloroethane	13.88	117	111461	19.446	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	382168	19.909	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26695	17.751	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	176928	17.786	ug/l	99
94) Hexachlorobutadiene	15.01	225	114281	19.979	ug/l	99
95) Naphthalene	15.13	128	368647	17.315	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	159238	17.719	ug/l	99

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

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