

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053689.D
 Acq On : 8 Feb 2019 18:38
 Operator : JC/SP
 Sample : VN0208MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208MBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:50:02 AM

Quant Time: Feb 09 03:33:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	725692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1155267	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	991088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	458482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	366188	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	7.59	113	357499	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.09	98	1301185	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.40	95	431091	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	148202	18.330	ug/l	99
3) Chloromethane	2.06	50	166983	19.382	ug/l	100
4) Vinyl Chloride	2.19	62	165233	19.757	ug/l	99
5) Bromomethane	2.57	94	117261	21.444	ug/l	98
6) Chloroethane	2.71	64	107040	22.397	ug/l	96
7) Trichlorofluoromethane	3.02	101	241418	21.287	ug/l	99
8) Diethyl Ether	3.41	74	83800	20.232	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	136414	19.449	ug/l	98
10) Methyl Iodide	3.96	142	211125	19.177	ug/l	98
11) Tert butyl alcohol	4.79	59	48687	113.001	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	135026	20.093	ug/l	97
13) Acrolein	3.61	56	20693	88.212	ug/l	95
14) Allyl chloride	4.33	41	211038	19.724	ug/l	99
15) Acrylonitrile	4.99	53	252674	108.632	ug/l	99
16) Acetone	3.82	43	167743	89.829	ug/l	95
17) Carbon Disulfide	4.06	76	367678	17.571	ug/l	98
18) Methyl Acetate	4.33	43	125030	22.608	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	370762	21.764	ug/l	99
20) Methylene Chloride	4.55	84	163128	20.822	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	141940	19.578	ug/l	95
22) Diisopropyl ether	5.95	45	414756	20.920	ug/l	93
23) Vinyl Acetate	5.90	43	1417038	103.318	ug/l	98
24) 1,1-Dichloroethane	5.85	63	270495	20.455	ug/l	100
25) 2-Butanone	6.84	43	262967	98.738	ug/l	97
26) 2,2-Dichloropropane	6.83	77	179174	17.750	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	163656	20.300	ug/l	98
28) Bromochloromethane	7.20	49	118078	20.576	ug/l	98
29) Tetrahydrofuran	7.21	42	184460	107.861	ug/l	97
30) Chloroform	7.37	83	262780	20.046	ug/l	99
31) Cyclohexane	7.65	56	233788	18.883	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	219430	20.114	ug/l	99
36) 1,1-Dichloropropene	7.79	75	191696	18.407	ug/l	98
37) Ethyl Acetate	6.93	43	121290	20.854	ug/l	99
38) Carbon Tetrachloride	7.77	117	188863	18.002	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	215652	17.454	ug/l	98
40) Benzene	8.04	78	612619	19.076	ug/l	98
41) Methacrylonitrile	7.18	41	66575	20.480	ug/l	93
42) 1,2-Dichloroethane	8.13	62	181927	19.079	ug/l	99
43) Isopropyl Acetate	8.17	43	226459	20.161	ug/l	97
44) Trichloroethene	8.84	130	168187	18.396	ug/l	97
45) 1,2-Dichloropropane	9.12	63	161360	19.645	ug/l	99
46) Dibromomethane	9.21	93	94302	19.045	ug/l	98
47) Bromodichloromethane	9.40	83	195880	19.026	ug/l	100
48) Methyl methacrylate	9.20	41	106598	19.881	ug/l	98
49) 1,4-Dioxane	9.20	88	31571	429.574	ug/l #	91
51) 4-Methyl-2-Pentanone	9.99	43	573476	103.897	ug/l	99
52) Toluene	10.16	92	369080	19.365	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	193008	18.722	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	228343	18.692	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	140830	20.505	ug/l	96
56) Ethyl methacrylate	10.43	69	163901	20.173	ug/l	97
57) 1,3-Dichloropropane	10.71	76	229801	19.578	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	401759	85.188	ug/l	98
59) 2-Hexanone	10.75	43	355621	94.905	ug/l	99
60) Dibromochloromethane	10.90	129	149886	19.353	ug/l	99
61) 1,2-Dibromoethane	11.01	107	130692	19.226	ug/l	100
64) Tetrachloroethene	10.63	164	156600	18.433	ug/l	99
65) Chlorobenzene	11.44	112	401277	19.061	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	143972	19.582	ug/l	99
67) Ethyl Benzene	11.51	91	661054	19.116	ug/l	100
68) m/p-Xylenes	11.62	106	516157	39.107	ug/l	100
69) o-Xylene	11.95	106	253626	19.891	ug/l	99
70) Styrene	11.96	104	413255	19.996	ug/l	99
71) Bromoform	12.13	173	99832	19.806	ug/l #	97
73) Isopropylbenzene	12.25	105	662978	20.570	ug/l	99
74) N-amyl acetate	12.07	43	165474	21.350	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	158877	20.597	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	121407m	20.616	ug/l	
77) Bromobenzene	12.53	156	173181	19.937	ug/l	99
78) n-propylbenzene	12.59	91	751072	20.158	ug/l	100
79) 2-Chlorotoluene	12.68	91	449517	20.335	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	565500	21.158	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40099	19.147	ug/l	99
82) 4-Chlorotoluene	12.77	91	450075	19.842	ug/l	100
83) tert-Butylbenzene	12.99	119	509534	21.570	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	567993	20.859	ug/l	100
85) sec-Butylbenzene	13.17	105	676315	21.040	ug/l	100
86) p-Isopropyltoluene	13.29	119	582501	20.720	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	301350	19.299	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	301298	19.506	ug/l	99
89) n-Butylbenzene	13.62	91	469096	19.277	ug/l	99
90) Hexachloroethane	13.88	117	94214	20.317	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	301090	20.141	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23064	20.980	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	160463	18.716	ug/l	99
94) Hexachlorobutadiene	15.01	225	105954	19.844	ug/l	99
95) Naphthalene	15.13	128	346045	18.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	156444	19.665	ug/l	98

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

