

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111819\
 Data File : VN059277.D
 Acq On : 18 Nov 2019 12:48
 Operator : JC/SP
 Sample : VN1118MBS01
 Misc : 5.00G/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118MBS01

Manual Integrations
 APPROVED

MMDADODA
 11/19/2019 11:01:48 AM

Quant Time: Nov 18 15:18:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	375237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	587338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	526574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	234419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	205504	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	
35) Dibromofluoromethane	7.57	113	167179	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	10.08	98	626228	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
62) 4-Bromofluorobenzene	12.40	95	222147	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65264	17.263	ug/l	100
3) Chloromethane	2.04	50	87061	16.941	ug/l	100
4) Vinyl Chloride	2.17	62	87919	17.645	ug/l	99
5) Bromomethane	2.54	94	53398	18.623	ug/l	98
6) Chloroethane	2.68	64	54865	18.615	ug/l	96
7) Trichlorofluoromethane	3.00	101	113805	19.096	ug/l	100
8) Diethyl Ether	3.38	74	49208	20.321	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	71881	20.004	ug/l	99
10) Methyl Iodide	3.93	142	85386	19.197	ug/l	98
11) Tert butyl alcohol	4.75	59	92969	105.759	ug/l	99
12) 1,1-Dichloroethene	3.71	96	67647	19.326	ug/l	99
13) Acrolein	3.58	56	42740	94.301	ug/l	98
14) Allyl chloride	4.29	41	138747	19.297	ug/l	97
15) Acrylonitrile	4.95	53	235864	107.814	ug/l	100
16) Acetone	3.79	43	195084	81.331	ug/l	98
17) Carbon Disulfide	4.03	76	176237	16.219	ug/l	99
18) Methyl Acetate	4.30	43	126991	22.305	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	251691	20.885	ug/l	100
20) Methylene Chloride	4.52	84	82982	19.858	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	72957	19.417	ug/l	96
22) Diisopropyl ether	5.92	45	280787	20.675	ug/l	97
23) Vinyl Acetate	5.87	43	1123379	106.727	ug/l	100
24) 1,1-Dichloroethane	5.82	63	151029	19.910	ug/l	98
25) 2-Butanone	6.81	43	307353	97.224	ug/l	99
26) 2,2-Dichloropropane	6.80	77	128467	19.368	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	89080	20.436	ug/l	96
28) Bromochloromethane	7.17	49	39443	17.283	ug/l	99
29) Tetrahydrofuran	7.18	42	211731	105.408	ug/l	99
30) Chloroform	7.35	83	150433	20.674	ug/l	99
31) Cyclohexane	7.63	56	130358	18.153	ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	124307	20.319	ug/l	99
36) 1,1-Dichloropropene	7.77	75	105008	19.127	ug/l	100
37) Ethyl Acetate	6.90	43	125405	20.533	ug/l	99
38) Carbon Tetrachloride	7.75	117	108228	19.807	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	118943	18.668	ug/l	98
40) Benzene	8.02	78	331283	20.039	ug/l	98
41) Methacrylonitrile	7.15	41	56333	21.212	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	113763	20.064	ug/l	99
43) Isopropyl Acetate	8.15	43	194376	19.963	ug/l	99
44) Trichloroethene	8.82	130	82077	20.197	ug/l	99
45) 1,2-Dichloropropane	9.10	63	91272	20.326	ug/l	98
46) Dibromomethane	9.19	93	56909	20.338	ug/l	98
47) Bromodichloromethane	9.39	83	117205	20.976	ug/l	99
48) Methyl methacrylate	9.18	41	85213	19.566	ug/l	97
49) 1,4-Dioxane	9.18	88	33180	428.694	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	626017	113.630	ug/l	100
52) Toluene	10.15	92	201627	20.348	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	130440	20.206	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	139802	20.133	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	83725	20.878	ug/l	97
56) Ethyl methacrylate	10.42	69	122217	19.461	ug/l	97
57) 1,3-Dichloropropane	10.70	76	141121	20.447	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	220684	98.883	ug/l	99
59) 2-Hexanone	10.74	43	449719	106.352	ug/l	99
60) Dibromochloromethane	10.90	129	87488	20.634	ug/l	100
61) 1,2-Dibromoethane	11.00	107	82858	20.411	ug/l	98
64) Tetrachloroethene	10.63	164	72442	20.232	ug/l	96
65) Chlorobenzene	11.43	112	214030	20.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	81638	21.201	ug/l	98
67) Ethyl Benzene	11.51	91	379013	20.811	ug/l	99
68) m/p-Xylenes	11.62	106	280702	41.146	ug/l	99
69) o-Xylene	11.94	106	135377	20.534	ug/l	100
70) Styrene	11.96	104	214916	20.727	ug/l	99
71) Bromoform	12.12	173	63971	21.358	ug/l #	99
73) Isopropylbenzene	12.25	105	369309	21.658	ug/l	100
74) N-amyl acetate	12.07	43	147046	20.351	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	129580	22.315	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	122635m	22.979	ug/l	
77) Bromobenzene	12.53	156	89576	20.909	ug/l	98
78) n-propylbenzene	12.59	91	417849	21.402	ug/l	99
79) 2-Chlorotoluene	12.67	91	253734	20.949	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	309945	21.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	41910	20.741	ug/l	99
82) 4-Chlorotoluene	12.77	91	253345	20.855	ug/l	99
83) tert-Butylbenzene	12.99	119	267862	21.467	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	301674	21.580	ug/l	100
85) sec-Butylbenzene	13.17	105	351207	21.642	ug/l	100
86) p-Isopropyltoluene	13.29	119	307506	21.461	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	154590	21.072	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	149433	20.359	ug/l	99
89) n-Butylbenzene	13.62	91	253100	20.182	ug/l	100
90) Hexachloroethane	13.88	117	59950	20.836	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	154978	21.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24947	21.548	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	79978	20.200	ug/l	100
94) Hexachlorobutadiene	15.01	225	55684	22.378	ug/l	100
95) Naphthalene	15.13	128	219362	20.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	84820	20.972	ug/l	99

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

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