

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021820\
 Data File : VN060138.D
 Acq On : 18 Feb 2020 15:32
 Operator : JC/MD
 Sample : VN0218MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218MBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2020 5:06:14 PM

Quant Time: Feb 18 16:07:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	307722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	120153	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	7.56	113	95276	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	10.08	98	369227	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	132029	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37445	19.797	ug/l	100
3) Chloromethane	2.04	50	44208	19.640	ug/l	99
4) Vinyl Chloride	2.17	62	50033	19.501	ug/l	97
5) Bromomethane	2.55	94	30983	19.695	ug/l	99
6) Chloroethane	2.69	64	25265	19.470	ug/l	98
7) Trichlorofluoromethane	3.00	101	63843	19.301	ug/l	97
8) Diethyl Ether	3.39	74	22644	20.565	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36043	19.626	ug/l	99
10) Methyl Iodide	3.93	142	48359	21.108	ug/l	100
11) Tert butyl alcohol	4.72	59	34057	98.841	ug/l	100
12) 1,1-Dichloroethene	3.72	96	35031	19.581	ug/l	97
13) Acrolein	3.58	56	26091	76.607	ug/l	95
14) Allyl chloride	4.30	41	52157	19.807	ug/l	94
15) Acrylonitrile	4.94	53	88119	104.720	ug/l	98
16) Acetone	3.78	43	92731	92.329	ug/l	99
17) Carbon Disulfide	4.03	76	99766	18.501	ug/l	98
18) Methyl Acetate	4.29	43	41263	21.871	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	120331	20.000	ug/l	99
20) Methylene Chloride	4.52	84	39294	19.610	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	38477	19.730	ug/l	91
22) Diisopropyl ether	5.91	45	116690	20.220	ug/l	99
23) Vinyl Acetate	5.86	43	487655	100.625	ug/l	99
24) 1,1-Dichloroethane	5.82	63	70008	20.025	ug/l	99
25) 2-Butanone	6.80	43	125132	99.063	ug/l	97
26) 2,2-Dichloropropane	6.80	77	64525	19.432	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	45178	19.795	ug/l	97
28) Bromochloromethane	7.17	49	28364	20.638	ug/l	96
29) Tetrahydrofuran	7.18	42	79810	102.991	ug/l	98
30) Chloroform	7.35	83	72834	19.889	ug/l	100
31) Cyclohexane	7.63	56	63861	19.610	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	65639	19.614	ug/l	99
36) 1,1-Dichloropropene	7.77	75	53982	18.939	ug/l	99
37) Ethyl Acetate	6.90	43	51450	19.973	ug/l	99
38) Carbon Tetrachloride	7.75	117	57984	18.732	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	66378	18.761	ug/l	99
40) Benzene	8.02	78	160074	18.933	ug/l	100
41) Methacrylonitrile	7.18	41	73408	67.952	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	57848	19.521	ug/l	99
43) Isopropyl Acetate	8.14	43	87147	19.791	ug/l	99
44) Trichloroethene	8.82	130	43416	18.545	ug/l	96
45) 1,2-Dichloropropane	9.10	63	40962	19.569	ug/l	99
46) Dibromomethane	9.19	93	28366	19.176	ug/l	99
47) Bromodichloromethane	9.39	83	56898	18.920	ug/l	99
48) Methyl methacrylate	9.18	41	37301	18.880	ug/l	99
49) 1,4-Dioxane	9.18	88	12872	381.324	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	251176	98.548	ug/l	98
52) Toluene	10.14	92	101923	18.799	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	64411	18.974	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	67681	18.934	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	40381	19.091	ug/l	98
56) Ethyl methacrylate	10.42	69	56981	19.043	ug/l	99
57) 1,3-Dichloropropane	10.70	76	67038	19.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	131569	94.384	ug/l	98
59) 2-Hexanone	10.74	43	185847	94.393	ug/l	100
60) Dibromochloromethane	10.89	129	45172	18.610	ug/l	97
61) 1,2-Dibromoethane	10.99	107	42499	19.167	ug/l	99
64) Tetrachloroethene	10.62	164	40775	18.986	ug/l	99
65) Chlorobenzene	11.43	112	108344	18.824	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42428	19.486	ug/l	99
67) Ethyl Benzene	11.50	91	197266	19.003	ug/l	100
68) m/p-Xylenes	11.61	106	146044	37.485	ug/l	99
69) o-Xylene	11.94	106	71268	18.998	ug/l	99
70) Styrene	11.96	104	111811	18.483	ug/l	99
71) Bromoform	12.12	173	32469	18.540	ug/l #	99
73) Isopropylbenzene	12.24	105	193728	19.190	ug/l	100
74) N-amyl acetate	12.06	43	71115	19.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	58199	20.029	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	76662	29.640	ug/l #	100
77) Bromobenzene	12.52	156	47769	19.067	ug/l	99
78) n-propylbenzene	12.59	91	218051	18.958	ug/l	100
79) 2-Chlorotoluene	12.67	91	129592	19.169	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	162012	19.302	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	20241	19.161	ug/l	98
82) 4-Chlorotoluene	12.77	91	131102	18.902	ug/l	100
83) tert-Butylbenzene	12.99	119	140746	18.955	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	157572	19.017	ug/l	98
85) sec-Butylbenzene	13.17	105	186988	19.015	ug/l	99
86) p-Isopropyltoluene	13.28	119	167604	18.812	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	83373	18.800	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	83306	18.789	ug/l	98
89) n-Butylbenzene	13.61	91	147741	18.853	ug/l	100
90) Hexachloroethane	13.87	117	31761	19.082	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	82201	18.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11853	18.702	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	46629	18.285	ug/l	99
94) Hexachlorobutadiene	15.01	225	27479	18.407	ug/l	97
95) Naphthalene	15.13	128	126413	18.351	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	46075	18.144	ug/l	97

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

