

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN059989.D
 Acq On : 4 Feb 2020 13:04
 Operator : JC/MD
 Sample : VN0204MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:21:06 PM

Quant Time: Feb 05 02:20:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	177772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	278985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	256228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122523	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	109389	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
35) Dibromofluoromethane	7.57	113	89729	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.08	98	332888	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.40	95	123316	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	34475	16.094	ug/l	95
3) Chloromethane	2.04	50	34594	16.997	ug/l	97
4) Vinyl Chloride	2.17	62	44274	19.012	ug/l	98
5) Bromomethane	2.55	94	27490	19.344	ug/l	97
6) Chloroethane	2.69	64	20833	18.910	ug/l	97
7) Trichlorofluoromethane	3.00	101	53384	19.089	ug/l	99
8) Diethyl Ether	3.38	74	20146	20.527	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31809	20.436	ug/l	94
10) Methyl Iodide	3.93	142	40822	16.226	ug/l	96
11) Tert butyl alcohol	4.72	59	32597	98.081	ug/l	99
12) 1,1-Dichloroethene	3.72	96	30176	18.554	ug/l	87
13) Acrolein	3.58	56	12913	54.888	ug/l	94
14) Allyl chloride	4.29	41	43638	19.906	ug/l #	84
15) Acrylonitrile	4.95	53	79911	105.408	ug/l	99
16) Acetone	3.78	43	78411	110.879	ug/l	96
17) Carbon Disulfide	4.03	76	72187	15.581	ug/l	100
18) Methyl Acetate	4.29	43	49240	21.353	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	113483	21.400	ug/l	96
20) Methylene Chloride	4.52	84	35947	19.332	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	32067	18.548	ug/l	92
22) Diisopropyl ether	5.91	45	105051	21.146	ug/l #	91
23) Vinyl Acetate	5.86	43	399639	103.898	ug/l	96
24) 1,1-Dichloroethane	5.81	63	61828	20.368	ug/l	97
25) 2-Butanone	6.80	43	109750	98.168	ug/l	92
26) 2,2-Dichloropropane	6.80	77	58207	19.945	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	40189	20.211	ug/l	90
28) Bromochloromethane	7.17	49	26073	21.490	ug/l #	76
29) Tetrahydrofuran	7.18	42	69655	100.699	ug/l	90
30) Chloroform	7.35	83	65408	20.796	ug/l	99
31) Cyclohexane	7.63	56	51520	17.638	ug/l	87
32) 1,1,1-Trichloroethane	7.54	97	59019	20.295	ug/l	96
36) 1,1-Dichloropropene	7.77	75	45978	18.925	ug/l	95
37) Ethyl Acetate	6.90	43	43787	19.216	ug/l #	95
38) Carbon Tetrachloride	7.75	117	52431	19.839	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	53703	17.927	ug/l	93
40) Benzene	8.02	78	139676	19.277	ug/l	100
41) Methacrylonitrile	7.16	41	23859m	21.258	ug/l	
42) 1,2-Dichloroethane	8.10	62	52618	21.418	ug/l	97
43) Isopropyl Acetate	8.14	43	78469	20.021	ug/l	96
44) Trichloroethene	8.82	130	40652	20.552	ug/l	91
45) 1,2-Dichloropropane	9.10	63	37406	20.863	ug/l	98
46) Dibromomethane	9.19	93	26843	21.224	ug/l	92
47) Bromodichloromethane	9.39	83	53300	20.913	ug/l	98
48) Methyl methacrylate	9.18	41	33201	18.938	ug/l	89
49) 1,4-Dioxane	9.18	88	13857	431.769	ug/l	89
51) 4-Methyl-2-Pentanone	9.97	43	227812	100.549	ug/l	96
52) Toluene	10.14	92	91667	20.029	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	59194	20.800	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	63130	21.083	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	38505	21.243	ug/l	97
56) Ethyl methacrylate	10.42	69	54072	19.523	ug/l	94
57) 1,3-Dichloropropane	10.70	76	62162	21.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	91112	109.215	ug/l	91
59) 2-Hexanone	10.74	43	167423	100.305	ug/l	95
60) Dibromochloromethane	10.90	129	43702	21.172	ug/l	100
61) 1,2-Dibromoethane	11.00	107	39228	20.648	ug/l	100
64) Tetrachloroethene	10.62	164	39895	19.104	ug/l	97
65) Chlorobenzene	11.43	112	100531	19.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40493	20.808	ug/l	98
67) Ethyl Benzene	11.51	91	179449	19.628	ug/l	98
68) m/p-Xylenes	11.62	106	133973	38.794	ug/l	95
69) o-Xylene	11.94	106	64890	19.193	ug/l	96
70) Styrene	11.96	104	105208	18.596	ug/l	97
71) Bromoform	12.12	173	31934	20.487	ug/l #	99
73) Isopropylbenzene	12.25	105	178299	19.842	ug/l	100
74) N-amyl acetate	12.07	43	66188	18.983	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	52785	20.263	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	50846m	24.659	ug/l	
77) Bromobenzene	12.52	156	44912	19.737	ug/l	84
78) n-propylbenzene	12.59	91	197432	19.576	ug/l	97
79) 2-Chlorotoluene	12.67	91	118189	19.698	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	148097	19.597	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18284	19.043	ug/l	96
82) 4-Chlorotoluene	12.77	91	121415	20.175	ug/l	96
83) tert-Butylbenzene	12.99	119	128046	19.591	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	146759	19.630	ug/l	98
85) sec-Butylbenzene	13.17	105	167857	19.547	ug/l	98
86) p-Isopropyltoluene	13.29	119	153766	19.352	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	79740	20.173	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	79285	20.106	ug/l	98
89) n-Butylbenzene	13.61	91	134280	19.821	ug/l	99
90) Hexachloroethane	13.87	117	28746	19.336	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	79434	20.327	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11578	19.430	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48247	20.547	ug/l	99
94) Hexachlorobutadiene	15.01	225	25573	19.764	ug/l	99
95) Naphthalene	15.13	128	132570	19.849	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47976	20.991	ug/l	99

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

