

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055629.D
 Acq On : 17 May 2019 22:40
 Operator : JC/SP
 Sample : VN0517MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0517MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 9:09:10 AM

Quant Time: May 18 04:17:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	325489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	502059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	434998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	198483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	179233	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	7.59	113	160306	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.09	98	591948	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.40	95	203058	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	45333	18.102	ug/l	95
3) Chloromethane	2.06	50	62738	18.782	ug/l	98
4) Vinyl Chloride	2.18	62	68424	18.917	ug/l	97
5) Bromomethane	2.57	94	47869	20.766	ug/l	100
6) Chloroethane	2.71	64	40064	19.949	ug/l	97
7) Trichlorofluoromethane	3.03	101	90045	19.426	ug/l	100
8) Diethyl Ether	3.41	74	37567	20.175	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	52417	18.549	ug/l	99
10) Methyl Iodide	3.96	142	72243	17.733	ug/l	99
11) Tert butyl alcohol	4.77	59	71759	107.848	ug/l	96
12) 1,1-Dichloroethene	3.74	96	58083	19.540	ug/l	98
13) Acrolein	3.61	56	32624	96.961	ug/l	93
14) Allyl chloride	4.33	41	92291	19.232	ug/l	99
15) Acrylonitrile	4.99	53	152809	103.226	ug/l	100
16) Acetone	3.82	43	123800	85.022	ug/l	98
17) Carbon Disulfide	4.06	76	154074	18.645	ug/l	99
18) Methyl Acetate	4.32	43	63646	20.389	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	195858	19.917	ug/l	99
20) Methylene Chloride	4.56	84	63462	19.098	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	62318	19.680	ug/l	98
22) Diisopropyl ether	5.95	45	184779	19.432	ug/l	98
23) Vinyl Acetate	5.90	43	790542	97.977	ug/l	99
24) 1,1-Dichloroethane	5.85	63	111355	19.972	ug/l	98
25) 2-Butanone	6.83	43	203753	100.079	ug/l	99
26) 2,2-Dichloropropane	6.83	77	69579	14.061	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	72597	19.688	ug/l	95
28) Bromochloromethane	7.20	49	47564	19.609	ug/l	96
29) Tetrahydrofuran	7.21	42	138522	102.699	ug/l	99
30) Chloroform	7.37	83	113315	19.799	ug/l	97
31) Cyclohexane	7.66	56	100383	18.970	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	100731	19.623	ug/l	98
36) 1,1-Dichloropropene	7.80	75	84077	18.783	ug/l	100
37) Ethyl Acetate	6.93	43	85041	21.054	ug/l	99
38) Carbon Tetrachloride	7.78	117	87791	18.354	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	94311	17.478	ug/l	98
40) Benzene	8.05	78	255347	19.395	ug/l	100
41) Methacrylonitrile	7.18	41	34449m	19.948	ug/l	
42) 1,2-Dichloroethane	8.13	62	85304	20.009	ug/l	100
43) Isopropyl Acetate	8.17	43	140183	19.952	ug/l	99
44) Trichloroethene	8.84	130	72499	19.515	ug/l	98
45) 1,2-Dichloropropane	9.12	63	68035	19.616	ug/l	98
46) Dibromomethane	9.21	93	44221	19.480	ug/l	98
47) Bromodichloromethane	9.40	83	89995	18.916	ug/l	99
48) Methyl methacrylate	9.20	41	61486	19.579	ug/l	96
49) 1,4-Dioxane	9.20	88	26629	426.726	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	409059	99.252	ug/l	99
52) Toluene	10.16	92	158763	19.226	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	94151	18.387	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	105097	18.735	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	65929	19.393	ug/l	99
56) Ethyl methacrylate	10.43	69	101001	19.032	ug/l	98
57) 1,3-Dichloropropane	10.71	76	105084	19.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	220630	97.845	ug/l	99
59) 2-Hexanone	10.75	43	283622	97.744	ug/l	99
60) Dibromochloromethane	10.90	129	74966	19.457	ug/l	100
61) 1,2-Dibromoethane	11.01	107	67295	19.784	ug/l	98
64) Tetrachloroethene	10.63	164	69214	20.173	ug/l	98
65) Chlorobenzene	11.44	112	170929	19.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	67579	19.093	ug/l	99
67) Ethyl Benzene	11.51	91	298168	19.024	ug/l	99
68) m/p-Xylenes	11.62	106	226071	38.195	ug/l	99
69) o-Xylene	11.95	106	109485	18.912	ug/l	100
70) Styrene	11.97	104	186285	19.353	ug/l	100
71) Bromoform	12.13	173	57929	19.312	ug/l #	100
73) Isopropylbenzene	12.25	105	292237	19.512	ug/l	100
74) N-amyl acetate	12.07	43	103590	18.587	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	90561	19.597	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	76939m	18.997	ug/l	
77) Bromobenzene	12.53	156	145400	35.670	ug/l	43
78) n-propylbenzene	12.59	91	318980	18.097	ug/l	100
79) 2-Chlorotoluene	12.67	91	190394	19.146	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	242850	19.150	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	26331	16.712	ug/l	99
82) 4-Chlorotoluene	12.77	91	189035	18.202	ug/l	100
83) tert-Butylbenzene	12.99	119	211367	19.227	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	241202	19.228	ug/l	100
85) sec-Butylbenzene	13.17	105	270497	19.062	ug/l	100
86) p-Isopropyltoluene	13.29	119	244418	18.690	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	126871	18.824	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	122868	19.093	ug/l	99
89) n-Butylbenzene	13.62	91	199122	18.282	ug/l	100
90) Hexachloroethane	13.87	117	48430	19.186	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	127379	18.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18024	20.010	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	71569	20.927	ug/l	99
94) Hexachlorobutadiene	15.01	225	40849	17.920	ug/l	100
95) Naphthalene	15.13	128	206768	21.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	73404	20.528	ug/l	99

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

