

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055625.D
 Acq On : 17 May 2019 21:05
 Operator : JC/SP
 Sample : VN0517MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 9:09:04 AM

Quant Time: May 18 04:07:58 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	323187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	501195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	434088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	182084	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	7.59	113	163612	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.09	98	595360	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	201515	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	46576	18.731	ug/l	99
3) Chloromethane	2.06	50	61467	18.532	ug/l	99
4) Vinyl Chloride	2.19	62	69179	19.262	ug/l	96
5) Bromomethane	2.57	94	47719	20.848	ug/l	96
6) Chloroethane	2.71	64	39222	19.669	ug/l	94
7) Trichlorofluoromethane	3.03	101	91348	19.848	ug/l	100
8) Diethyl Ether	3.41	74	37527	20.297	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	54494	19.422	ug/l	99
10) Methyl Iodide	3.96	142	64427	15.927	ug/l	99
11) Tert butyl alcohol	4.77	59	73213	110.817	ug/l	96
12) 1,1-Dichloroethene	3.75	96	57273	19.405	ug/l	99
13) Acrolein	3.61	56	31761	95.095	ug/l	93
14) Allyl chloride	4.33	41	93017	19.521	ug/l	99
15) Acrylonitrile	4.99	53	150467	102.367	ug/l	100
16) Acetone	3.82	43	125136	86.552	ug/l	99
17) Carbon Disulfide	4.06	76	152578	18.596	ug/l	99
18) Methyl Acetate	4.33	43	62110	20.038	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	193089	19.775	ug/l	99
20) Methylene Chloride	4.56	84	64075	19.420	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	60085	19.110	ug/l	98
22) Diisopropyl ether	5.95	45	180982	19.168	ug/l	97
23) Vinyl Acetate	5.90	43	791647	98.813	ug/l	99
24) 1,1-Dichloroethane	5.86	63	109492	19.778	ug/l	99
25) 2-Butanone	6.84	43	200585	99.225	ug/l	99
26) 2,2-Dichloropropane	6.83	77	75651	15.397	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	71725	19.590	ug/l	96
28) Bromochloromethane	7.20	49	51599	21.424	ug/l	99
29) Tetrahydrofuran	7.21	42	138425	103.358	ug/l	99
30) Chloroform	7.37	83	111408	19.604	ug/l	100
31) Cyclohexane	7.66	56	99058	18.853	ug/l	99
32) 1,1,1-Trichloroethane	7.58	97	100236	19.665	ug/l	99
36) 1,1-Dichloropropene	7.80	75	83626	18.715	ug/l	100
37) Ethyl Acetate	6.93	43	84237	20.891	ug/l	99
38) Carbon Tetrachloride	7.78	117	89762	18.798	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	94905	17.619	ug/l	98
40) Benzene	8.05	78	251129	19.107	ug/l	99
41) Methacrylonitrile	7.17	41	33365m	19.354	ug/l	
42) 1,2-Dichloroethane	8.13	62	84388	19.828	ug/l	100
43) Isopropyl Acetate	8.17	43	135930	19.380	ug/l	99
44) Trichloroethene	8.84	130	72497	19.548	ug/l	99
45) 1,2-Dichloropropane	9.12	63	66385	19.173	ug/l	96
46) Dibromomethane	9.21	93	44902	19.814	ug/l	99
47) Bromodichloromethane	9.40	83	90181	18.987	ug/l	99
48) Methyl methacrylate	9.20	41	60010	19.142	ug/l	94
49) 1,4-Dioxane	9.20	88	28519	457.801	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	405565	98.574	ug/l	100
52) Toluene	10.16	92	157518	19.108	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	92867	18.167	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	103432	18.470	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	64407	18.978	ug/l	99
56) Ethyl methacrylate	10.43	69	98799	18.649	ug/l	99
57) 1,3-Dichloropropane	10.71	76	102456	19.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	213039	94.642	ug/l	99
59) 2-Hexanone	10.75	43	278871	96.272	ug/l	98
60) Dibromochloromethane	10.90	129	75327	19.584	ug/l	98
61) 1,2-Dibromoethane	11.01	107	66257	19.512	ug/l	100
64) Tetrachloroethene	10.63	164	66282	19.359	ug/l	98
65) Chlorobenzene	11.44	112	165936	18.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	67810	19.198	ug/l	99
67) Ethyl Benzene	11.51	91	292863	18.724	ug/l	100
68) m/p-Xylenes	11.62	106	217489	36.822	ug/l	100
69) o-Xylene	11.95	106	107441	18.598	ug/l	100
70) Styrene	11.96	104	180998	18.843	ug/l	99
71) Bromoform	12.13	173	58048	19.393	ug/l #	99
73) Isopropylbenzene	12.25	105	288609	20.335	ug/l	100
74) N-amyl acetate	12.07	43	101883	19.201	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	89469	20.411	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	75898m	19.684	ug/l	
77) Bromobenzene	12.53	156	74302	19.146	ug/l	98
78) n-propylbenzene	12.59	91	305167	18.185	ug/l	100
79) 2-Chlorotoluene	12.67	91	187223	19.833	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	234626	19.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	25784	17.189	ug/l	99
82) 4-Chlorotoluene	12.77	91	180681	18.274	ug/l	99
83) tert-Butylbenzene	12.99	119	206475	19.804	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	233964	19.624	ug/l	99
85) sec-Butylbenzene	13.17	105	263457	19.552	ug/l	100
86) p-Isopropyltoluene	13.29	119	239592	19.297	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	118810	18.516	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	114809	18.739	ug/l	98
89) n-Butylbenzene	13.62	91	185359	17.876	ug/l	99
90) Hexachloroethane	13.88	117	47273	19.728	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	121896	19.057	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17634	20.563	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	62785	19.283	ug/l	100
94) Hexachlorobutadiene	15.01	225	39425	18.209	ug/l	99
95) Naphthalene	15.13	128	175315	18.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	67409	19.801	ug/l	99

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

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