

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055473.D
 Acq On : 8 May 2019 7:01
 Operator : JC/SP
 Sample : K2717-10MS
 Misc : 4.72g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS002-1218-01MS

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:18:46 AM

Quant Time: May 08 08:46:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	536641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	857608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	739935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341479	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	364857	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	278338	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	1001032	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.40	95	364207	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	297279	45.214	ug/l	100
3) Chloromethane	2.06	50	325693	40.004	ug/l	99
4) Vinyl Chloride	2.19	62	282142	42.991	ug/l	100
5) Bromomethane	2.52	94	130100	37.426	ug/l	99
6) Chloroethane	2.66	64	156237	43.946	ug/l	99
7) Trichlorofluoromethane	3.00	101	412663	44.220	ug/l	99
8) Diethyl Ether	3.41	74	180517	55.290	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	279334	50.267	ug/l	99
10) Methyl Iodide	3.95	142	350170	44.775	ug/l	99
11) Tert butyl alcohol	4.83	59	130681	325.124	ug/l #	94
12) 1,1-Dichloroethene	3.73	96	246338	46.469	ug/l	94
13) Acrolein	3.61	56	84962	270.664	ug/l	99
14) Allyl chloride	4.32	41	523774	47.706	ug/l	99
15) Acrylonitrile	4.99	53	660453	292.330	ug/l	99
16) Acetone	3.82	43	517548	236.594	ug/l	98
17) Carbon Disulfide	4.05	76	485485	35.092	ug/l	98
18) Methyl Acetate	4.33	43	387085	73.119	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	879340	59.005	ug/l	100
20) Methylene Chloride	4.55	84	310570	46.514	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	263069	46.857	ug/l	97
22) Diisopropyl ether	5.95	45	1280797	58.713	ug/l	98
23) Vinyl Acetate	5.90	43	4057369	283.788	ug/l	99
24) 1,1-Dichloroethane	5.85	63	604387	51.999	ug/l	99
25) 2-Butanone	6.84	43	822556	294.031	ug/l	97
26) 2,2-Dichloropropane	6.83	77	229357	28.576	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	328061	51.384	ug/l	98
28) Bromochloromethane	7.19	49	270454	46.162	ug/l	96
29) Tetrahydrofuran	7.21	42	548897	306.419	ug/l	98
30) Chloroform	7.37	83	580596	52.695	ug/l	99
31) Cyclohexane	7.65	56	513970	46.543	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	458492	51.273	ug/l	100
36) 1,1-Dichloropropene	7.79	75	408452	49.723	ug/l	99
37) Ethyl Acetate	6.93	43	359390	57.084	ug/l	99
38) Carbon Tetrachloride	7.77	117	374474	47.258	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	460274	52.700	ug/l	99
40) Benzene	8.04	78	1226398	50.644	ug/l	100
41) Methacrylonitrile	7.18	41	232080	67.843	ug/l	93
42) 1,2-Dichloroethane	8.12	62	464859	54.199	ug/l	99
43) Isopropyl Acetate	8.17	43	633538	62.617	ug/l #	88
44) Trichloroethene	8.83	130	309393	50.118	ug/l	98
45) 1,2-Dichloropropane	9.12	63	373430	53.467	ug/l	97
46) Dibromomethane	9.21	93	199415	52.235	ug/l	98
47) Bromodichloromethane	9.40	83	438152	53.498	ug/l	98
48) Methyl methacrylate	9.20	41	305326	61.386	ug/l	99
49) 1,4-Dioxane	9.21	88	64461	1253.701	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1773922	311.411	ug/l	98
52) Toluene	10.16	92	729388	52.495	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	378746	53.271	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	462110	52.130	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	283918	55.028	ug/l	99
56) Ethyl methacrylate	10.43	69	402270	63.343	ug/l	98
57) 1,3-Dichloropropane	10.71	76	510947	56.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	597229	300.392	ug/l	100
59) 2-Hexanone	10.75	43	1144506	321.115	ug/l	98
60) Dibromochloromethane	10.90	129	297140	56.348	ug/l	99
61) 1,2-Dibromoethane	11.01	107	266322	55.845	ug/l	100
64) Tetrachloroethene	10.63	164	338148	55.883	ug/l	98
65) Chlorobenzene	11.43	112	768797	53.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	291412	51.444	ug/l	99
67) Ethyl Benzene	11.51	91	1424912	54.544	ug/l	98
68) m/p-Xylenes	11.62	106	1025419	109.967	ug/l	100
69) o-Xylene	11.95	106	507778	54.940	ug/l	99
70) Styrene	11.96	104	855858	60.310	ug/l	99
71) Bromoform	12.13	173	180159	57.316	ug/l #	100
73) Isopropylbenzene	12.25	105	1388845	51.190	ug/l	100
74) N-amyl acetate	12.07	43	518198	59.130	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	359431	53.336	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	308327m	48.501	ug/l	
77) Bromobenzene	12.53	156	329449	50.601	ug/l	97
78) n-propylbenzene	12.59	91	1602917	45.697	ug/l	100
79) 2-Chlorotoluene	12.67	91	961352	52.056	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1210494	45.217	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	70379	39.057	ug/l	88
82) 4-Chlorotoluene	12.77	91	955521	46.851	ug/l	98
83) tert-Butylbenzene	12.99	119	1027480	54.485	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1186470	49.555	ug/l	99
85) sec-Butylbenzene	13.17	105	1370402	47.097	ug/l	100
86) p-Isopropyltoluene	13.29	119	1216115	50.850	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	583129	51.032	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	563663	52.381	ug/l	99
89) n-Butylbenzene	13.62	91	1042727	61.358	ug/l	99
90) Hexachloroethane	13.88	117	185217	48.877	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	572598	50.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	53984	60.091	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	240121	53.530	ug/l	97
94) Hexachlorobutadiene	15.01	225	196327	58.061	ug/l	98
95) Naphthalene	15.13	128	493026	51.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	244042	55.214	ug/l	98

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

