

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050483.D
 Acq On : 9 Aug 2018 14:12
 Operator : MD\SY
 Sample : VN0809MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2018 10:52:49 AM

Quant Time: Aug 10 05:12:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	762191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1130403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1007034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	509666	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	469136	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	7.59	113	428179	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	10.09	98	1593282	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
62) 4-Bromofluorobenzene	12.40	95	529613	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	152640	18.04	ug/l	99
3) Chloromethane	2.06	50	183439	17.39	ug/l	98
4) Vinyl Chloride	2.18	62	203709	18.60	ug/l	100
5) Bromomethane	2.56	94	108404	20.52	ug/l	97
6) Chloroethane	2.70	64	126357	18.73	ug/l	99
7) Trichlorofluoromethane	3.01	101	270197	19.10	ug/l	100
8) Diethyl Ether	3.41	74	95645	18.44	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	165711	18.96	ug/l	98
10) Methyl Iodide	3.95	142	69772	18.12	ug/l	98
11) Tert butyl alcohol	4.80	59	63047	77.07	ug/l	100
12) 1,1-Dichloroethene	3.73	96	154482	18.75	ug/l	97
13) Acrolein	3.61	56	57099	65.45	ug/l	99
14) Allyl chloride	4.33	41	231410	17.49	ug/l	98
15) Acrylonitrile	4.99	53	285763	83.39	ug/l	99
16) Acetone	3.82	43	258972	85.04	ug/l	99
17) Carbon Disulfide	4.05	76	440281	16.43	ug/l	99
18) Methyl Acetate	4.33	43	142281	17.91	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	434451	18.58	ug/l	99
20) Methylene Chloride	4.55	84	179883	18.39	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	162368	18.21	ug/l	97
22) Diisopropyl ether	5.96	45	521479	19.29	ug/l	98
23) Vinyl Acetate	5.90	43	1751425	90.81	ug/l	99
24) 1,1-Dichloroethane	5.85	63	304695	18.37	ug/l	99
25) 2-Butanone	6.84	43	414964	82.23	ug/l	98
26) 2,2-Dichloropropane	6.83	77	241055	17.63	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	187439	18.97	ug/l	99
28) Bromochloromethane	7.20	49	140321	18.38	ug/l	95
29) Tetrahydrofuran	7.22	42	219641	81.32	ug/l	98
30) Chloroform	7.37	83	315407	19.02	ug/l	99
31) Cyclohexane	7.66	56	268606	18.00	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	273435	19.20	ug/l	98
36) 1,1-Dichloropropene	7.80	75	233436	18.79	ug/l	100
37) Ethyl Acetate	6.93	43	153867	17.20	ug/l	99
38) Carbon Tetrachloride	7.77	117	239288	18.47	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	241971	17.85	ug/l	99
40) Benzene	8.04	78	710223	18.60	ug/l	99
41) Methacrylonitrile	7.18	41	78099	16.42	ug/l #	83
42) 1,2-Dichloroethane	8.13	62	227048	18.73	ug/l	98
43) Isopropyl Acetate	8.17	43	274668	17.79	ug/l	99
44) Trichloroethene	8.84	130	192579	18.77	ug/l	100
45) 1,2-Dichloropropane	9.12	63	185694	18.50	ug/l	99
46) Dibromomethane	9.21	93	114270	18.43	ug/l	96
47) Bromodichloromethane	9.40	83	238214	18.55	ug/l	99
48) Methyl methacrylate	9.20	41	130985	16.93	ug/l	97
49) 1,4-Dioxane	9.20	88	38215	320.36	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	950718	85.50	ug/l	99
52) Toluene	10.16	92	444127	19.36	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	236170	18.32	ug/l	95
54) cis-1,3-Dichloropropene	9.84	75	269459	18.73	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	164286	18.35	ug/l	98
56) Ethyl methacrylate	10.43	69	204945	17.33	ug/l	97
57) 1,3-Dichloropropane	10.71	76	273692	18.62	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	473142	85.13	ug/l	98
59) 2-Hexanone	10.75	43	628792	81.02	ug/l	99
60) Dibromochloromethane	10.90	129	184461	18.70	ug/l	99
61) 1,2-Dibromoethane	11.01	107	162207	18.38	ug/l	98
64) Tetrachloroethene	10.63	164	182820	19.43	ug/l	99
65) Chlorobenzene	11.44	112	482101	19.10	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	180578	19.65	ug/l	100
67) Ethyl Benzene	11.51	91	804803	19.72	ug/l	99
68) m/p-Xylenes	11.62	106	627638	40.40	ug/l	100
69) o-Xylene	11.95	106	300064	20.05	ug/l	99
70) Styrene	11.97	104	480562	19.75	ug/l	100
71) Bromoform	12.13	173	124862	18.59	ug/l #	99
73) Isopropylbenzene	12.25	105	794059	20.76	ug/l	99
74) N-amyl acetate	12.07	43	218304	17.60	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	207648	18.81	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	171507m	18.59	ug/l	
77) Bromobenzene	12.53	156	207202	20.22	ug/l	98
78) n-propylbenzene	12.59	91	886634	20.47	ug/l	99
79) 2-Chlorotoluene	12.68	91	542949	20.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	648036	20.87	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	45894	17.48	ug/l	99
82) 4-Chlorotoluene	12.78	91	538497	20.19	ug/l	98
83) tert-Butylbenzene	12.99	119	552033	20.38	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	653754	20.78	ug/l	100
85) sec-Butylbenzene	13.17	105	718593	19.90	ug/l	99
86) p-Isopropyltoluene	13.29	119	619517	20.02	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	355560	19.48	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	345261	18.94	ug/l	99
89) n-Butylbenzene	13.62	91	470699	17.87	ug/l	100
90) Hexachloroethane	13.88	117	102749	18.67	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	346423	18.93	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29030	15.49	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	158219	16.97	ug/l	98
94) Hexachlorobutadiene	15.01	225	100467	18.70	ug/l	100
95) Naphthalene	15.14	128	336517	16.27	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	154677	16.41	ug/l	99

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

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