

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050261.D
 Acq On : 2 Aug 2018 14:04
 Operator : MD\SY
 Sample : VN0802MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:36:15 AM

Quant Time: Aug 02 15:39:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	922122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	841615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	426213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	421830	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.59	113	374782	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
50) Toluene-d8	10.09	98	1379870	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	458429	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	179487	20.481	ug/l	99
3) Chloromethane	2.06	50	174320	18.299	ug/l	100
4) Vinyl Chloride	2.18	62	193443	19.283	ug/l	98
5) Bromomethane	2.56	94	71550	12.083	ug/l	95
6) Chloroethane	2.70	64	114205	18.956	ug/l	100
7) Trichlorofluoromethane	3.01	101	260838	20.071	ug/l	98
8) Diethyl Ether	3.41	74	97782	22.570	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	163855	20.968	ug/l	98
10) Methyl Iodide	3.95	142	79438	7.920	ug/l	99
11) Tert butyl alcohol	4.81	59	88932	142.034	ug/l	99
12) 1,1-Dichloroethene	3.73	96	142331	20.247	ug/l	96
13) Acrolein	3.61	56	74327	147.748	ug/l	100
14) Allyl chloride	4.32	41	240722	22.084	ug/l	97
15) Acrylonitrile	5.00	53	334517	122.456	ug/l	100
16) Acetone	3.83	43	268493	131.896	ug/l	99
17) Carbon Disulfide	4.05	76	377681	17.538	ug/l	100
18) Methyl Acetate	4.33	43	236424	29.662	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	449129	23.975	ug/l	100
20) Methylene Chloride	4.55	84	173339	22.278	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	152726	20.503	ug/l	99
22) Diisopropyl ether	5.96	45	510353	23.613	ug/l	99
23) Vinyl Acetate	5.90	43	1716131	112.359	ug/l	99
24) 1,1-Dichloroethane	5.85	63	305678	21.629	ug/l	99
25) 2-Butanone	6.84	43	410729	126.540	ug/l	100
26) 2,2-Dichloropropane	6.83	77	245536	22.837	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	176132	21.966	ug/l	98
28) Bromochloromethane	7.20	49	132782	20.598	ug/l	98
29) Tetrahydrofuran	7.22	42	267373	127.476	ug/l	98
30) Chloroform	7.37	83	311100	21.571	ug/l	97
31) Cyclohexane	7.66	56	241757	20.586	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	259172	21.008	ug/l	99
36) 1,1-Dichloropropene	7.80	75	219912	21.168	ug/l	99
37) Ethyl Acetate	6.94	43	174150	24.043	ug/l	99
38) Carbon Tetrachloride	7.78	117	226988	20.591	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	216677	20.274	ug/l	96
40) Benzene	8.04	78	689622	21.814	ug/l	100
41) Methacrylonitrile	7.18	41	92907	26.022	ug/l #	77
42) 1,2-Dichloroethane	8.13	62	223574	21.199	ug/l	100
43) Isopropyl Acetate	8.17	43	328472	23.460	ug/l	98
44) Trichloroethene	8.84	130	177307	20.873	ug/l	100
45) 1,2-Dichloropropane	9.12	63	184071	21.983	ug/l	95
46) Dibromomethane	9.21	93	114092	21.944	ug/l	99
47) Bromodichloromethane	9.41	83	235628	21.473	ug/l	99
48) Methyl methacrylate	9.20	41	149570	23.977	ug/l	99
49) 1,4-Dioxane	9.21	88	46542	548.238	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	908192	127.546	ug/l	100
52) Toluene	10.16	92	417999	22.400	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	232938	22.496	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	267350	22.591	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	168842	22.811	ug/l	96
56) Ethyl methacrylate	10.43	69	212481	22.361	ug/l	99
57) 1,3-Dichloropropane	10.71	76	274679	22.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	416544	94.414	ug/l	100
59) 2-Hexanone	10.75	43	614494	120.188	ug/l	100
60) Dibromochloromethane	10.90	129	185126	22.590	ug/l	99
61) 1,2-Dibromoethane	11.01	107	165153	22.488	ug/l	99
64) Tetrachloroethene	10.63	164	164970	20.388	ug/l	98
65) Chlorobenzene	11.44	112	458872	21.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	176985	21.667	ug/l	100
67) Ethyl Benzene	11.51	91	761919	22.311	ug/l	100
68) m/p-Xylenes	11.62	106	590793	45.738	ug/l	100
69) o-Xylene	11.95	106	281422	22.855	ug/l	99
70) Styrene	11.97	104	455162	21.323	ug/l	100
71) Bromoform	12.13	173	131926	22.203	ug/l #	99
73) Isopropylbenzene	12.25	105	757190	22.907	ug/l	100
74) N-amyl acetate	12.07	43	236656	23.425	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	224585	24.537	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	182025m	22.980	ug/l	
77) Bromobenzene	12.53	156	202465	22.100	ug/l	99
78) n-propylbenzene	12.59	91	855789	23.163	ug/l	100
79) 2-Chlorotoluene	12.68	91	522798	22.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	621765	23.913	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	58186	23.300	ug/l	96
82) 4-Chlorotoluene	12.77	91	521989	23.018	ug/l	99
83) tert-Butylbenzene	12.99	119	532046	23.448	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	632004	24.115	ug/l	100
85) sec-Butylbenzene	13.17	105	713674	23.540	ug/l	99
86) p-Isopropyltoluene	13.29	119	607791	23.791	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	336147	21.644	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	334243	22.081	ug/l	98
89) n-Butylbenzene	13.62	91	469090	22.330	ug/l	100
90) Hexachloroethane	13.88	117	117300	20.679	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	342381	22.053	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36006	24.025	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	162565	21.612	ug/l	98
94) Hexachlorobutadiene	15.01	225	104308	21.947	ug/l	98
95) Naphthalene	15.14	128	422930	24.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	174631	23.021	ug/l	99

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

