

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049849.D
 Acq On : 17 Jul 2018 16:34
 Operator : MD\SY
 Sample : VN0717MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 11:59:14 AM

Quant Time: Jul 17 17:15:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 13:20:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	918454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	442325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	441419	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	7.59	113	386757	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	10.09	98	1419204	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.40	95	490212	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	119542	21.81	ug/l	98
3) Chloromethane	2.06	50	158366	21.68	ug/l	98
4) Vinyl Chloride	2.18	62	173761	19.80	ug/l	98
5) Bromomethane	2.56	94	119158	25.32	ug/l	98
6) Chloroethane	2.70	64	110375	21.68	ug/l	98
7) Trichlorofluoromethane	3.01	101	232113	21.71	ug/l	98
8) Diethyl Ether	3.41	74	87920	20.86	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	142598	22.33	ug/l	100
10) Methyl Iodide	3.95	142	173396	19.57	ug/l	99
11) Tert butyl alcohol	4.82	59	74288	113.87	ug/l	100
12) 1,1-Dichloroethene	3.73	96	129692	20.27	ug/l	98
13) Acrolein	3.61	56	61273	121.98	ug/l	98
14) Allyl chloride	4.32	41	212333	20.90	ug/l	100
15) Acrylonitrile	5.00	53	296481	108.03	ug/l	99
16) Acetone	3.82	43	241237	126.14	ug/l	98
17) Carbon Disulfide	4.04	76	370278	21.03	ug/l	100
18) Methyl Acetate	4.33	43	160149	23.13	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	396900	22.21	ug/l	99
20) Methylene Chloride	4.55	84	153399	21.88	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	138550	20.48	ug/l	98
22) Diisopropyl ether	5.96	45	455329	22.42	ug/l	98
23) Vinyl Acetate	5.90	43	1640197	109.81	ug/l	100
24) 1,1-Dichloroethane	5.85	63	266690	20.49	ug/l	99
25) 2-Butanone	6.84	43	368825	109.06	ug/l	99
26) 2,2-Dichloropropane	6.83	77	215138	21.71	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	158012	20.84	ug/l	99
28) Bromochloromethane	7.20	49	128632	21.29	ug/l	97
29) Tetrahydrofuran	7.22	42	234420	109.02	ug/l	99
30) Chloroform	7.37	83	274456	20.43	ug/l	97
31) Cyclohexane	7.65	56	223174	21.46	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	236591	20.73	ug/l	99
36) 1,1-Dichloropropene	7.80	75	198742	20.45	ug/l	100
37) Ethyl Acetate	6.94	43	161019	22.22	ug/l	98
38) Carbon Tetrachloride	7.77	117	205972	20.12	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	206981	20.68	ug/l	97
40) Benzene	8.04	78	617735	20.97	ug/l	100
41) Methacrylonitrile	7.18	41	76317	20.51	ug/l #	93
42) 1,2-Dichloroethane	8.13	62	202084	20.17	ug/l	99
43) Isopropyl Acetate	8.17	43	276791	22.45	ug/l #	87
44) Trichloroethene	8.84	130	158295	20.43	ug/l	98
45) 1,2-Dichloropropane	9.12	63	163261	20.80	ug/l	100
46) Dibromomethane	9.21	93	103406	20.65	ug/l	98
47) Bromodichloromethane	9.41	83	209962	20.63	ug/l	98
48) Methyl methacrylate	9.20	41	131886	21.57	ug/l	99
49) 1,4-Dioxane	9.21	88	41568	448.46	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	800480	110.36	ug/l	100
52) Toluene	10.16	92	379013	21.47	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	213841	21.52	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	238581	21.40	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	148535	20.50	ug/l	98
56) Ethyl methacrylate	10.43	69	193831	22.09	ug/l	99
57) 1,3-Dichloropropane	10.71	76	249106	21.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	458842	110.79	ug/l	100
59) 2-Hexanone	10.75	43	559513	112.51	ug/l	99
60) Dibromochloromethane	10.90	129	166245	20.61	ug/l	100
61) 1,2-Dibromoethane	11.01	107	150238	21.16	ug/l	100
64) Tetrachloroethene	10.63	164	144628	19.91	ug/l	98
65) Chlorobenzene	11.44	112	421512	20.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	154642	19.89	ug/l	99
67) Ethyl Benzene	11.51	91	715681	21.99	ug/l	99
68) m/p-Xylenes	11.62	106	548172	44.39	ug/l	99
69) o-Xylene	11.95	106	268675	22.81	ug/l	98
70) Styrene	11.97	104	433433	22.70	ug/l	99
71) Bromoform	12.13	173	121011	20.21	ug/l #	99
73) Isopropylbenzene	12.25	105	710253	22.18	ug/l	100
74) N-amyl acetate	12.07	43	232494	21.97	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	208390	20.29	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	183560m	21.21	ug/l	
77) Bromobenzene	12.53	156	231894	26.41	ug/l	79
78) n-propylbenzene	12.59	91	819193	22.73	ug/l	100
79) 2-Chlorotoluene	12.68	91	491047	22.07	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	594105	23.67	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	57096	21.59	ug/l	100
82) 4-Chlorotoluene	12.78	91	494162	22.48	ug/l	99
83) tert-Butylbenzene	12.99	119	508427	23.11	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	600777	23.47	ug/l	99
85) sec-Butylbenzene	13.17	105	681885	23.04	ug/l	99
86) p-Isopropyltoluene	13.29	119	586236	23.43	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	319516	21.17	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	314992	21.25	ug/l	100
89) n-Butylbenzene	13.62	91	478669	23.32	ug/l	99
90) Hexachloroethane	13.88	117	107090	20.99	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	319724	20.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34487	22.48	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	170501	24.95	ug/l	98
94) Hexachlorobutadiene	15.01	225	101675	21.21	ug/l	99
95) Naphthalene	15.14	128	447535	25.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	176313	24.40	ug/l	98

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

