Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000083.D
Acq On : 30 Dec 2014 06:59
Operator : TP
Sample : MDL-02-W
Misc : MDL-WATER-8PPM
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-02-W

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:21:33 AM

Quant Time: Dec 31 07:39:49 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 07:06:16 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	187732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	766866	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	554164	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1077961m	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	910958	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	760099	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	19402	5.99	ng/uL	0.01
5) Phenol-d5	7.00	99	610536m	37.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	328672	33.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	439064	37.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	461960	35.96	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	196288	37.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	213027m	39.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	453988m	37.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	297653	21.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1392252	34.06	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1661800	33.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	195721	29.64	ng/ul	0.00
57) Fluorene-d10	15.47	176	1151195	32.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	171362	32.05	ng/ul	0.00
70) Anthracene-d10	17.32	188	1680168	33.71	ng/ul	0.00
76) Pyrene-d10	19.61	212	1645508	39.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1156691	33.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	30747	6.85	ng/uL	93
4) Benzaldehyde	6.98	77	30006	2.96	ng/ul	97
6) Phenol	7.03	94	128362	7.58	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	86309	6.67	ng/ul	99
10) 2-Chlorophenol	7.41	128	91882	7.58	ng/ul	96
11) 2-Methylphenol	8.28	108	93368	7.15	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	147669	7.08	ng/ul	98
14) Acetophenone	8.66	105	136509	6.23	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	78979	6.88	ng/ul	94
16) 4-Methylphenol	8.61	108	101090	7.15	ng/ul	97
17) Hexachloroethane	8.92	117	36888	6.66	ng/ul	85
20) Nitrobenzene	9.04	77	113188	7.16	ng/ul	97
21) Isophorone	9.57	82	203855	6.69	ng/ul	98
23) 2-Nitrophenol	9.75	139	45911	7.68	ng/ul	95
24) 2,4-Dimethylphenol	9.81	107	120594	7.43	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	117242	6.91	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	89129	7.47	ng/ul	91
28) Naphthalene	10.69	128	269421	6.89	ng/ul	99
30) 4-Chloroaniline	10.79	127	61238m	4.36	ng/ul	
31) Hexachlorobutadiene	10.97	225	61487	7.27	ng/ul	97
32) Caprolactam	11.58	113	23226m	5.84	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	103454	7.06	ng/ul	94
34) 2-Methylnaphthalene	12.30	142	203785	7.03	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	103781	6.75 ng/ul#	97
37) Hexachlorocyclopentadiene	12.64	237	59117	5.82 ng/ul	96
38) 2,4,6-Trichlorophenol	12.90	196	67035	6.84 ng/ul	97
39) 2,4,5-Trichlorophenol	12.97	196	74772	7.02 ng/ul	99
40) 1,1'-Biphenyl	13.31	154	272456	6.82 ng/ul	98
41) 2-Chloronaphthalene	13.35	162	212592	6.94 ng/ul	96
42) 2-Nitroaniline	13.56	65	63744	6.43 ng/ul	94
44) Dimethylphthalate	13.93	163	277375	6.81 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	45395	6.23 ng/ul#	84
47) Acenaphthylene	14.20	152	344185	6.67 ng/ul	99
48) 3-Nitroaniline	14.38	138	21272	2.85 ng/ul#	98
49) Acenaphthene	14.54	153	219581	6.67 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	19391	5.24 ng/ul	85
52) 4-Nitrophenol	14.68	109	52395	5.97 ng/ul	99
53) Dibenzofuran	14.87	168	319621	6.71 ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	66819	6.15 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.10	232	59589	6.49 ng/ul#	90
56) Diethylphthalate	15.29	149	276710	6.47 ng/ul	97
58) Fluorene	15.52	166	264305	6.68 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	130524	6.69 ng/ul	94
60) 4-Nitroaniline	15.53	138	38662	4.59 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	35378	6.47 ng/ul#	79
64) N-Nitrosodiphenylamine	15.73	169	209205	6.69 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	77877	7.09 ng/ul	92
66) Hexachlorobenzene	16.53	284	90525	7.15 ng/ul	93
67) Atrazine	16.68	200	8665	0.70 ng/ul#	89
68) Pentachlorophenol	16.87	266	42549	5.52 ng/ul	94
69) Phenanthrene	17.26	178	404680	6.94 ng/ul	99
71) Anthracene	17.35	178	400634	6.68 ng/ul	100
72) Carbazole	17.61	167	322255	5.96 ng/ul	99
73) Di-n-butylphthalate	18.19	149	404454	6.27 ng/ul	99
74) Fluoranthene	19.27	202	422103	6.31 ng/ul#	96
77) Pyrene	19.64	202	440761	8.03 ng/ul#	96
78) Butylbenzylphthalate	20.54	149	147379	6.61 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.33	252	21610	1.30 ng/ul#	98
80) Benzo(a)anthracene	21.39	228	357171	6.79 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	205360	6.32 ng/ul	99
82) Chrysene	21.44	228	342245	7.06 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	314270	6.01 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	351421	7.24 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	288253	6.96 ng/ul	98
88) Benzo(a)pyrene	23.60	252	315019	7.39 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.03	276	350442	7.88 ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	295527	7.90 ng/ul#	96
91) Benzo(g,h,i)perylene	26.75	276	291267	7.98 ng/ul	98

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

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