Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002503.D
Acq On : 19 Aug 2015 22:31
Operator : UM/IZ
Sample : MDL-03-S
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-03-S

Quant Time: Aug 20 04:12:47 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	98139	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	481117	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	279157	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	620008	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	690004	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	686916	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	11120	5.23	ng/uL	0.00
5) Phenol-d5	7.93	99	245794	27.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	139940	26.70	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	219036	29.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	222620	29.27	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	116299	32.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	125934	39.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	207969	29.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	321183	34.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	726867	31.63	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	893702	30.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	135744	32.73	ng/ul	0.00
58) Fluorene-d10	16.38	176	612917	30.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	101043	41.47	ng/ul	0.00
71) Anthracene-d10	18.22	188	956152	31.78	ng/ul	0.00
79) Pyrene-d10	20.44	212	1025413	30.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1192149	32.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1163	0.49	ng/uL#	71
4) Benzaldehyde	7.93	77	13871	2.65	ng/ul	96
6) Phenol	7.96	94	20234	2.22	ng/ul	92
8) Bis(2-Chloroethyl)ether	8.20	93	17594	2.51	ng/ul	88
10) 2-Chlorophenol	8.37	128	17675	2.36	ng/ul	97
11) 2-Methylphenol	9.25	108	16276	2.26	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.35	45	23623	1.89	ng/ul#	95
14) Acetophenone	9.66	105	28613	2.53	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.63	70	13647	2.24	ng/ul	92
16) 4-Methylphenol	9.58	108	18206	2.31	ng/ul	97
17) Hexachloroethane	9.93	117	6191	2.10	ng/ul	92
20) Nitrobenzene	10.06	77	18926	2.26	ng/ul	90
21) Isophorone	10.58	82	39411	2.36	ng/ul	97
23) 2-Nitrophenol	10.79	139	11111	3.06	ng/ul	89
24) 2,4-Dimethylphenol	10.81	107	19078	2.14	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.05	93	23698	2.29	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	16828	2.50	ng/ul	89
28) Naphthalene	11.74	128	62820	2.48	ng/ul	99
30) 4-Chloroaniline	11.83	127	27337	2.96	ng/ul	99
31) Hexachlorobutadiene	11.99	225	9502	2.44	ng/ul	96
32) Caprolactam	12.59	113	6759	2.43	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.89	107	19538	2.32	ng/ul	97
34) 2-Methylnaphthalene	13.29	142	46274	2.56	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	20286	2.53	ng/ul	98
38) Hexachlorocyclopentadiene	13.60	237	3725	0.79	ng/ul	99
39) 2,4,6-Trichlorophenol	13.86	196	12720	2.55	ng/ul	98
40) 2,4,5-Trichlorophenol	13.94	196	13971	2.49	ng/ul	98
41) 1,1'-Biphenyl	14.25	154	58761	2.49	ng/ul	96
42) 2-Chloronaphthalene	14.31	162	44599	2.49	ng/ul	99
43) 2-Nitroaniline	14.50	65	11857	2.18	ng/ul	84
45) Dimethylphthalate	14.83	163	60459	2.58	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	11501	2.62	ng/ul	93
48) Acenaphthylene	15.14	152	77379	2.58	ng/ul	99
49) 3-Nitroaniline	15.30	138	14033	2.95	ng/ul#	90
50) Acenaphthene	15.47	153	50962	2.52	ng/ul	97
51) 2,4-Dinitrophenol	15.52	184	2156	1.42	ng/ul#	1
53) 4-Nitrophenol	15.59	109	7001	2.30	ng/ul	94
54) Dibenzofuran	15.80	168	69833	2.59	ng/ul	96
55) 2,4-Dinitrotoluene	15.75	165	17318	2.78	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	16.01	232	9941	2.33	ng/ul#	95
57) Diethylphthalate	16.16	149	63013	2.51	ng/ul	100
59) Fluorene	16.43	166	60219	2.65	ng/ul	99
60) 4-Chlorophenyl-phenylether	16.40	204	27147	2.60	ng/ul	96
61) 4-Nitroaniline	16.44	138	15328	2.79	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.50	198	8729	3.19	ng/ul#	70
65) N-Nitrosodiphenylamine	16.62	169	50123	2.47	ng/ul	98
66) 4-Bromophenyl-phenylether	17.29	248	15889	2.45	ng/ul	96
67) Hexachlorobenzene	17.43	284	18741	2.54	ng/ul	99
68) Atrazine	17.52	200	10326	1.46	ng/ul	98
69) Pentachlorophenol	17.76	266	3723	1.03	ng/ul	88
70) Phenanthrene	18.16	178	95902	2.69	ng/ul	99
72) Anthracene	18.25	178	96532	2.62	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	19373	2.30	ng/uL	95
74) Pentachlorobenzene	15.72	250	19935	2.44	ng/uL	99
75) Carbazole	18.50	167	85151	2.55	ng/ul	99
76) Di-n-butylphthalate	18.99	149	111612	2.50	ng/ul	99
77) Fluoranthene	20.11	202	109927	2.91	ng/ul	98
80) Pyrene	20.46	202	116851	2.62	ng/ul	98
81) Butylbenzylphthalate	21.27	149	53781	2.44	ng/ul	92
82) 3,3'-Dichlorobenzidine	22.09	252	30269	2.28	ng/ul	97
83) Benzo(a)anthracene	22.18	228	115147	2.73	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	81208	2.55	ng/ul	99
85) Chrysene	22.24	228	105702	2.65	ng/ul	99
87) Di-n-octyl phthalate	23.02	149	138427	2.64	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	116932	2.74	ng/ul	98
89) Benzo(k)fluoranthene	24.08	252	112545	2.74	ng/ul	99
91) Benzo(a)pyrene	24.74	252	112430	2.75	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.64	276	134812	2.88	ng/ul	97
93) Dibenzo(a,h)anthracene	27.65	278	113433	2.86	ng/ul	99
94) Benzo(g,h,i)perylene	28.52	276	111388	2.82	ng/ul	97

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

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