Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103015\
Data File : BM003014.D
Acq On : 30 Oct 2015 15:37
Operator : UM/IZ
Sample : SSTD02057
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Manual Integrations APPROVED
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11/2/2015 6:23:03 PM

Quant Time: Oct 30 15:16:24 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 16:06:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	170988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	800056	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	453598	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.16	188	980059	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	926631	20.00	ng/ul	0.00
86) Perylene-d12	23.62	264	810630	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	27386	8.50	ng/uL	0.00
5) Phenol-d5	6.93	99	270296	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	158905	21.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	223235	18.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	221567	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	94051	16.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	94321	15.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	216926	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	308580	20.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	677372	19.96	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	841443	18.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	111552	23.77	ng/ul	0.00
58) Fluorene-d10	15.40	176	572856	18.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	81832	16.48	ng/ul	0.00
71) Anthracene-d10	17.26	188	843026	18.24	ng/ul	0.00
79) Pyrene-d10	19.55	212	904277	18.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	757106	18.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	29275	8.37	ng/uL	97
4) Benzaldehyde	6.91	77	154681	23.43	ng/ul	92
6) Phenol	6.96	94	281773	20.68	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.19	93	222343	20.25	ng/ul	98
10) 2-Chlorophenol	7.33	128	230241	18.54	ng/ul	99
11) 2-Methylphenol	8.20	108	218969	19.63	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.30	45	279456	18.83	ng/ul	95
14) Acetophenone	8.59	105	350901	20.20	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.57	70	169609	20.65	ng/ul#	93
16) 4-Methylphenol	8.53	108	239665	19.73	ng/ul	100
17) Hexachloroethane	8.85	117	86158	18.94	ng/ul	96
20) Nitrobenzene	8.97	77	229791	19.94	ng/ul	92
21) Isophorone	9.49	82	478907	21.09	ng/ul	95
23) 2-Nitrophenol	9.67	139	112572	15.89	ng/ul#	88
24) 2,4-Dimethylphenol	9.73	107	261674	20.45	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.97	93	299910	19.72	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	221619	19.82	ng/ul	100
28) Naphthalene	10.61	128	761995	18.81	ng/ul	100
30) 4-Chloroaniline	10.72	127	325212	21.72	ng/ul	99
31) Hexachlorobutadiene	10.90	225	131079	20.60	ng/ul	100
32) Caprolactam	11.48	113	66269m	19.58	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	242867	21.29	ng/ul	96
34) 2-Methylnaphthalene	12.23	142	562245	19.40	ng/ul	100

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35) 1-Methylnaphthalene	12.45	142	552197	19.46	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	269539	19.28	ng/ul	99
38) Hexachlorocyclopentadiene	12.58	237	150949	57.17	ng/ul	96
39) 2,4,6-Trichlorophenol	12.84	196	169151	20.37	ng/ul	98
40) 2,4,5-Trichlorophenol	12.90	196	183462	21.43	ng/ul	99
41) 1,1'-Biphenyl	13.25	154	719187	18.51	ng/ul	99
42) 2-Chloronaphthalene	13.29	162	538078	18.30	ng/ul	99
43) 2-Nitroaniline	13.49	65	114345	17.22	ng/ul	87
45) Dimethylphthalate	13.87	163	682894	19.84	ng/ul	99
46) 2,6-Dinitrotoluene	13.99	165	115719	16.43	ng/ul#	80
48) Acenaphthylene	14.13	152	890551	18.66	ng/ul	99
49) 3-Nitroaniline	14.32	138	120846	16.73	ng/ul	89
50) Acenaphthene	14.48	153	587626	18.55	ng/ul	99
51) 2,4-Dinitrophenol	14.52	184	55601	26.83	ng/ul#	89
53) 4-Nitrophenol	14.62	109	85252	32.49	ng/ul#	78
54) Dibenzofuran	14.81	168	834805	19.51	ng/ul	95
55) 2,4-Dinitrotoluene	14.77	165	166958	17.02	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.03	232	156137	24.96	ng/ul#	98
57) Diethylphthalate	15.24	149	695648	20.20	ng/ul	99
59) Fluorene	15.46	166	662509	18.85	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.46	204	310436	19.16	ng/ul	97
61) 4-Nitroaniline	15.48	138	122488	17.10	ng/ul#	82
64) 4,6-Dinitro-2-methylphenol	15.53	198	90309	17.30	ng/ul	93
65) N-Nitrosodiphenylamine	15.67	169	563801	17.02	ng/ul	99
66) 4-Bromophenyl-phenylether	16.35	248	181900	17.70	ng/ul	98
67) Hexachlorobenzene	16.46	284	216285	19.75	ng/ul	96
68) Atrazine	16.62	200	204792	19.44	ng/ul	98
69) Pentachlorophenol	16.80	266	123694	46.81	ng/ul	98
70) Phenanthrene	17.20	178	1058151	18.68	ng/ul	99
72) Anthracene	17.29	178	1053306	18.26	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.21	216	265356	17.37	ng/uL	99
74) Pentachlorobenzene	14.73	250	256164	18.25	ng/uL	98
75) Carbazole	17.56	167	933479	19.24	ng/ul	99
76) Di-n-butylphthalate	18.13	149	1111462	17.72	ng/ul#	99
77) Fluoranthene	19.22	202	1154069	21.15	ng/ul	98
80) Pyrene	19.58	202	1201163	18.58	ng/ul	97
81) Butylbenzylphthalate	20.49	149	364595	13.08	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.27	252	246147	14.08	ng/ul	98
83) Benzo(a)anthracene	21.33	228	995542	18.11	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.27	149	581471	14.19	ng/ul	99
85) Chrysene	21.39	228	963969	18.55	ng/ul	99
87) Di-n-octyl phthalate	22.16	149	794273	12.52	ng/ul	100
88) Benzo(b)fluoranthene	22.93	252	909882	18.59	ng/ul	98
89) Benzo(k)fluoranthene	22.98	252	884759	18.74	ng/ul	98
91) Benzo(a)pyrene	23.52	252	860518	18.49	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.91	276	914748	17.97	ng/ul	94
93) Dibenzo(a,h)anthracene	25.93	278	730156	17.07	ng/ul	95
94) Benzo(g,h,i)perylene	26.62	276	800880	18.83	ng/ul	94

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

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