Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003616.D
Acq On : 19 Dec 2015 12:57
Operator : UM/SJ
Sample : SSTD01048
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01048

Quant Time: Dec 20 01:01:47 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 00:58:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	29362	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	135556	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	83546	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	199378	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	250716	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	265025	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	2204	3.35	ng/uL	0.00
5) Phenol-d5	6.87	99	22461	7.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	12821	8.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	19115	7.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	19209	7.45	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	9225	7.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	10289	7.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	19289	7.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	26116	8.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	69138	8.36	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	77434	8.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	12259	7.51	ng/ul	0.00
58) Fluorene-d10	15.34	176	57321	8.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	8612	6.21	ng/ul	-0.01
71) Anthracene-d10	17.20	188	91522	8.44	ng/ul	0.00
79) Pyrene-d10	19.50	212	107711	8.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	131619	8.36	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	2475	3.22	ng/uL	96
4) Benzaldehyde	6.84	77	14688	8.46	ng/ul	97
6) Phenol	6.90	94	23895	7.63	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.13	93	18716	8.13	ng/ul	99
10) 2-Chlorophenol	7.26	128	19877	7.83	ng/ul	98
11) 2-Methylphenol	8.15	108	18657	7.51	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	18887	8.09	ng/ul	98
14) Acetophenone	8.52	105	32313	8.06	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	15610	8.05	ng/ul	99
16) 4-Methylphenol	8.47	108	21046	7.61	ng/ul	98
17) Hexachloroethane	8.77	117	7629	7.87	ng/ul	96
20) Nitrobenzene	8.90	77	21739	7.91	ng/ul	97
21) Isophorone	9.42	82	43173	7.94	ng/ul	99
23) 2-Nitrophenol	9.60	139	11722	7.86	ng/ul	97
24) 2,4-Dimethylphenol	9.67	107	24041	7.96	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.90	93	26787	8.20	ng/ul	97
27) 2,4-Dichlorophenol	10.14	162	20091	7.91	ng/ul	99
28) Naphthalene	10.54	128	68792	8.23	ng/ul	99
30) 4-Chloroaniline	10.65	127	26654	8.06	ng/ul	99
31) Hexachlorobutadiene	10.82	225	12448	8.01	ng/ul	99
32) Caprolactam	11.40	113	6907	7.26	ng/ul	93
33) 4-Chloro-3-methylphenol	11.79	107	23326	7.88	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	51471	8.28	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	48610	8.24 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	25317	8.32 ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	10635	6.33 ng/ul	98
39) 2,4,6-Trichlorophenol	12.77	196	16702	8.06 ng/ul	99
40) 2,4,5-Trichlorophenol	12.85	196	18222	7.94 ng/ul	97
41) 1,1'-Biphenyl	13.18	154	68536	8.42 ng/ul	98
42) 2-Chloronaphthalene	13.22	162	50988	8.32 ng/ul	99
43) 2-Nitroaniline	13.43	65	12952	7.50 ng/ul	98
45) Dimethylphthalate	13.81	163	70054	8.29 ng/ul	100
46) 2,6-Dinitrotoluene	13.93	165	12608	7.45 ng/ul	94
48) Acenaphthylene	14.07	152	85611	8.29 ng/ul	99
49) 3-Nitroaniline	14.26	138	14829	7.88 ng/ul	100
50) Acenaphthene	14.42	153	58102	8.48 ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	4292	4.71 ng/ul	95
53) 4-Nitrophenol	14.57	109	10615	7.77 ng/ul	97
54) Dibenzofuran	14.75	168	82692	8.46 ng/ul	98
55) 2,4-Dinitrotoluene	14.72	165	19646	7.72 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.98	232	15720	8.03 ng/ul	97
57) Diethylphthalate	15.17	149	74709	8.36 ng/ul	99
59) Fluorene	15.40	166	66963	8.58 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	32792	8.65 ng/ul	98
61) 4-Nitroaniline	15.42	138	15745	7.63 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.49	198	9483	6.41 ng/ul#	98
65) N-Nitrosodiphenylamine	15.62	169	58415	8.37 ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	19873	8.33 ng/ul	96
67) Hexachlorobenzene	16.41	284	21914	8.26 ng/ul	98
68) Atrazine	16.56	200	22703	8.41 ng/ul	99
69) Pentachlorophenol	16.76	266	10935	7.20 ng/ul	98
70) Phenanthrene	17.14	178	111734	8.51 ng/ul	99
72) Anthracene	17.23	178	114485	8.56 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	27204	8.23 ng/uL	100
74) Pentachlorobenzene	14.67	250	25724	8.32 ng/uL	100
75) Carbazole	17.50	167	107303	8.72 ng/ul	100
76) Di-n-butylphthalate	18.07	149	134170	8.41 ng/ul	100
77) Fluoranthene	19.16	202	136063	9.00 ng/ul	99
80) Pyrene	19.53	202	143448	8.33 ng/ul	100
81) Butylbenzylphthalate	20.44	149	65043	7.90 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.22	252	50547	8.78 ng/ul	100
83) Benzo(a)anthracene	21.29	228	152482	8.50 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	102643	8.47 ng/ul	99
85) Chrysene	21.34	228	149635	8.70 ng/ul	100
87) Di-n-octyl phthalate	22.10	149	184236	8.31 ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	164467	8.57 ng/ul	99
89) Benzo(k)fluoranthene	22.91	252	150252	8.36 ng/ul	99
91) Benzo(a)pyrene	23.45	252	153152	8.41 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.81	276	170132	8.79 ng/ul	99
93) Dibenzo(a,h)anthracene	25.83	278	143345	8.83 ng/ul	99
94) Benzo(g,h,i)perylene	26.51	276	138911	8.73 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)

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

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