Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002100.D
Acq On : 28 Jul 2015 18:55
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02083

Quant Time: Jul 28 19:29:59 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 16:22:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	62269	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	241372	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	143189	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	316242	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	371452	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	372814	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	9501	7.89	ng/uL	0.00
5) Phenol-d5	6.77	99	85860	19.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	47333	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	74795	19.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	68805	19.44	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	34471	20.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	39138	20.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	75281	20.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	87357	21.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	204343	19.48	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	256271	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	32464	18.54	ng/ul	0.00
58) Fluorene-d10	15.26	176	181293	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	35808	18.51	ng/ul	0.00
71) Anthracene-d10	17.11	188	277882	19.69	ng/ul	0.00
79) Pyrene-d10	19.41	212	308652	19.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	354616	19.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	10112	7.87	ng/uL	97
4) Benzaldehyde	6.74	77	48147	20.38	ng/ul	97
6) Phenol	6.80	94	88351	19.41	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	66314	19.37	ng/ul	97
10) 2-Chlorophenol	7.16	128	74532	19.70	ng/ul	98
11) 2-Methylphenol	8.05	108	66495	19.29	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	65405	18.65	ng/ul	94
14) Acetophenone	8.42	105	110219	19.67	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	52725	19.42	ng/ul	94
16) 4-Methylphenol	8.37	108	72065	19.46	ng/ul	99
17) Hexachloroethane	8.66	117	29783	19.25	ng/ul	96
20) Nitrobenzene	8.80	77	78342	19.46	ng/ul	98
21) Isophorone	9.32	82	142215	19.80	ng/ul	99
23) 2-Nitrophenol	9.50	139	41995	20.16	ng/ul	96
24) 2,4-Dimethylphenol	9.57	107	81597	19.95	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.80	93	83891	19.19	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	71310	20.04	ng/ul	96
28) Naphthalene	10.43	128	226373	19.74	ng/ul	99
30) 4-Chloroaniline	10.55	127	88757	21.14	ng/ul	99
31) Hexachlorobutadiene	10.71	225	53780	20.21	ng/ul	98
32) Caprolactam	11.30	113	19288	19.36	ng/ul	97
33) 4-Chloro-3-methylphenol	11.69	107	70489	19.95	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	167669	20.10	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	159405	19.87	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	98182	19.71	ng/ul	99
38) Hexachlorocyclopentadiene	12.40	237	51038	17.98	ng/ul	97
39) 2,4,6-Trichlorophenol	12.68	196	57378	19.63	ng/ul	99
40) 2,4,5-Trichlorophenol	12.75	196	63015	19.95	ng/ul	100
41) 1,1'-Biphenyl	13.09	154	214481	19.44	ng/ul	98
42) 2-Chloronaphthalene	13.13	162	168931	19.69	ng/ul	100
43) 2-Nitroaniline	13.34	65	41463	19.39	ng/ul	98
45) Dimethylphthalate	13.72	163	203825	19.46	ng/ul	99
46) 2,6-Dinitrotoluene	13.84	165	42468	19.93	ng/ul	99
48) Acenaphthylene	13.98	152	262222	19.38	ng/ul	99
49) 3-Nitroaniline	14.17	138	37460	19.76	ng/ul	92
50) Acenaphthene	14.32	153	172924	19.50	ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	21133	16.86	ng/ul	97
53) 4-Nitrophenol	14.49	109	29711	20.38	ng/ul	88
54) Dibenzofuran	14.66	168	251837	19.80	ng/ul	100
55) 2,4-Dinitrotoluene	14.64	165	61706	20.16	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.89	232	53507	20.15	ng/ul	98
57) Diethylphthalate	15.09	149	199318	19.30	ng/ul	99
59) Fluorene	15.31	166	208495	19.83	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.31	204	109416	19.46	ng/ul	96
61) 4-Nitroaniline	15.34	138	42427	20.99	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	37832	18.64	ng/ul	94
65) N-Nitrosodiphenylamine	15.53	169	177868	19.68	ng/ul	98
66) 4-Bromophenyl-phenylether	16.20	248	66919	19.89	ng/ul	97
67) Hexachlorobenzene	16.32	284	72545	19.71	ng/ul	97
68) Atrazine	16.48	200	67815	19.45	ng/ul	98
69) Pentachlorophenol	16.66	266	34253	18.14	ng/ul	96
70) Phenanthrene	17.05	178	321378	19.62	ng/ul	99
72) Anthracene	17.14	178	328236	19.60	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	94236	19.64	ng/uL	96
74) Pentachlorobenzene	14.58	250	88637	19.79	ng/uL	98
75) Carbazole	17.42	167	279510	19.54	ng/ul	99
76) Di-n-butylphthalate	17.98	149	321416	18.85	ng/ul	99
77) Fluoranthene	19.07	202	377214	19.94	ng/ul	99
80) Pyrene	19.44	202	394748	19.53	ng/ul	100
81) Butylbenzylphthalate	20.35	149	140405	18.19	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.13	252	121526	18.48	ng/ul	97
83) Benzo(a)anthracene	21.20	228	409869	19.90	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	210727	17.83	ng/ul	97
85) Chrysene	21.24	228	378662	19.66	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	370734	17.32	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	424201	20.25	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	383090	18.95	ng/ul	99
91) Benzo(a)pyrene	23.31	252	398357	19.70	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.62	276	470018	20.17	ng/ul	98
93) Dibenzo(a,h)anthracene	25.63	278	398543	19.99	ng/ul	98
94) Benzo(g,h,i)perylene	26.30	276	390468	19.99	ng/ul	98

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

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