Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003662.D
Acq On : 20 Dec 2015 19:53
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Dec 21 02:24:37 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:19:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	26187	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	129006	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	83831	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	214877	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	279237	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	268748	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	3601	7.41	ng/uL	0.00
5) Phenol-d5	6.87	99	47294	21.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	24132	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	38459	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	40612	21.25	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	20249	21.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	22679	21.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	41603	21.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	56936	22.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	141564	20.43	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	167631	21.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	29550	21.90	ng/ul	0.00
58) Fluorene-d10	15.35	176	121539	21.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	24594	20.31	ng/ul	0.00
71) Anthracene-d10	17.20	188	203180	20.78	ng/ul	0.00
79) Pyrene-d10	19.50	212	244683	20.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	280191	20.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	4394	7.70	ng/uL	97
4) Benzaldehyde	6.84	77	29053	22.82	ng/ul	99
6) Phenol	6.90	94	49989	21.50	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	35391	20.61	ng/ul	99
10) 2-Chlorophenol	7.26	128	40113	21.43	ng/ul	99
11) 2-Methylphenol	8.15	108	38962	21.17	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	35483	20.47	ng/ul	100
14) Acetophenone	8.52	105	64226	21.51	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	31032	21.46	ng/ul	99
16) 4-Methylphenol	8.47	108	44282	21.59	ng/ul	100
17) Hexachloroethane	8.77	117	14771	20.74	ng/ul	96
20) Nitrobenzene	8.90	77	45258	20.94	ng/ul	99
21) Isophorone	9.42	82	87528	20.31	ng/ul	98
23) 2-Nitrophenol	9.60	139	25150	21.54	ng/ul	99
24) 2,4-Dimethylphenol	9.67	107	51208	21.42	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	51933	20.00	ng/ul	99
27) 2,4-Dichlorophenol	10.14	162	43039	21.55	ng/ul	97
28) Naphthalene	10.53	128	139816	21.04	ng/ul	99
30) 4-Chloroaniline	10.65	127	58131	22.47	ng/ul	98
31) Hexachlorobutadiene	10.82	225	25222	20.51	ng/ul	98
32) Caprolactam	11.40	113	15627	20.94	ng/ul	93
33) 4-Chloro-3-methylphenol	11.79	107	51844	22.12	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	105021	21.16	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	100332	21.28	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	52695	20.78	ng/ul	99
38) Hexachlorocyclopentadiene	12.50	237	20445	15.05	ng/ul	99
39) 2,4,6-Trichlorophenol	12.77	196	36205	21.12	ng/ul	99
40) 2,4,5-Trichlorophenol	12.85	196	40329	21.30	ng/ul	98
41) 1,1'-Biphenyl	13.17	154	140567	20.64	ng/ul	100
42) 2-Chloronaphthalene	13.22	162	107952	21.11	ng/ul	99
43) 2-Nitroaniline	13.43	65	30745	21.72	ng/ul	98
45) Dimethylphthalate	13.81	163	144565	20.40	ng/ul	100
46) 2,6-Dinitrotoluene	13.93	165	29909	21.66	ng/ul	97
48) Acenaphthylene	14.07	152	183827	21.31	ng/ul	99
49) 3-Nitroaniline	14.26	138	34986	22.71	ng/ul	99
50) Acenaphthene	14.42	153	120324	20.89	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	15517	21.19	ng/ul	98
53) 4-Nitrophenol	14.58	109	25259	22.11	ng/ul	97
54) Dibenzofuran	14.75	168	173207	21.07	ng/ul	100
55) 2,4-Dinitrotoluene	14.72	165	47243	22.52	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.98	232	35308	21.64	ng/ul	98
57) Diethylphthalate	15.17	149	153971	20.53	ng/ul	99
59) Fluorene	15.40	166	141456	21.43	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.40	204	67907	21.20	ng/ul	97
61) 4-Nitroaniline	15.43	138	40519	23.67	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.49	198	26273	20.25	ng/ul	98
65) N-Nitrosodiphenylamine	15.61	169	126624	20.13	ng/ul	98
66) 4-Bromophenyl-phenylether	16.29	248	41874	19.57	ng/ul	98
67) Hexachlorobenzene	16.41	284	48357	20.32	ng/ul	98
68) Atrazine	16.56	200	49286	20.40	ng/ul	99
69) Pentachlorophenol	16.75	266	27249	20.30	ng/ul	99
70) Phenanthrene	17.14	178	245137	20.62	ng/ul	99
72) Anthracene	17.23	178	252166	20.80	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	57031	19.37	ng/uL	99
74) Pentachlorobenzene	14.67	250	54778	19.75	ng/uL	99
75) Carbazole	17.50	167	246182	22.25	ng/ul	99
76) Di-n-butylphthalate	18.07	149	287306	19.96	ng/ul	99
77) Fluoranthene	19.16	202	309036	22.62	ng/ul	99
80) Pyrene	19.53	202	319739	19.90	ng/ul	100
81) Butylbenzylphthalate	20.43	149	152774	20.10	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.22	252	119670	22.42	ng/ul	98
83) Benzo(a)anthracene	21.28	228	342700	20.36	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	226374	20.01	ng/ul	100
85) Chrysene	21.33	228	329698	20.31	ng/ul	100
87) Di-n-octyl phthalate	22.09	149	429099	23.11	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	347021	21.42	ng/ul	100
89) Benzo(k)fluoranthene	22.92	252	327899	21.36	ng/ul	100
91) Benzo(a)pyrene	23.45	252	323280	20.86	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.81	276	334759	20.07	ng/ul	99
93) Dibenzo(a,h)anthracene	25.81	278	284691	20.35	ng/ul	99
94) Benzo(g,h,i)perylene	26.50	276	254987	18.61	ng/ul	97

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

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