Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM122115\
Data File : BM003678.D
Acq On : 21 Dec 2015 13:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Quant Time: Dec 22 01:37:54 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 07:26:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	32627	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	132038	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	70555	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	154525	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	172346	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	175487	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	5730	9.46	ng/uL	0.00
5) Phenol-d5	6.87	99	50799	18.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	28516	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	44250	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	41029	17.23	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	20116	21.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	21993	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	39720	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	51888	19.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	113064	19.39	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	139423	21.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	20445	18.00	ng/ul	0.00
58) Fluorene-d10	15.34	176	96689	20.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	17914	20.57	ng/ul	0.00
71) Anthracene-d10	17.19	188	144718	20.58	ng/ul	0.00
79) Pyrene-d10	19.50	212	157615	20.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	179851	20.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	6658	9.36	ng/uL	96
4) Benzaldehyde	6.83	77	32960	20.78	ng/ul	98
6) Phenol	6.90	94	53704	18.54	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	41164	19.24	ng/ul	99
10) 2-Chlorophenol	7.26	128	46323	19.86	ng/ul	99
11) 2-Methylphenol	8.14	108	40670	17.74	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	40561	18.78	ng/ul	99
14) Acetophenone	8.52	105	66345	17.83	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	30469	16.91	ng/ul	98
16) 4-Methylphenol	8.47	108	44157	17.28	ng/ul	100
17) Hexachloroethane	8.77	117	18368	20.70	ng/ul	99
20) Nitrobenzene	8.89	77	46765	21.14	ng/ul	99
21) Isophorone	9.42	82	82676	18.75	ng/ul	99
23) 2-Nitrophenol	9.60	139	24948	20.87	ng/ul	99
24) 2,4-Dimethylphenol	9.67	107	48884	19.98	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.90	93	51626	19.42	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	40963	20.04	ng/ul	98
28) Naphthalene	10.53	128	141265	20.77	ng/ul	99
30) 4-Chloroaniline	10.65	127	53598	20.24	ng/ul	99
31) Hexachlorobutadiene	10.82	225	27179	21.60	ng/ul	99
32) Caprolactam	11.40	113	11336	14.84	ng/ul	95
33) 4-Chloro-3-methylphenol	11.78	107	43216	18.02	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	97412	19.17	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	92315	19.13	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	48251	22.60	ng/ul	99
38) Hexachlorocyclopentadiene	12.50	237	27413	23.97	ng/ul	99
39) 2,4,6-Trichlorophenol	12.77	196	29901	20.73	ng/ul	98
40) 2,4,5-Trichlorophenol	12.84	196	32621	20.47	ng/ul	99
41) 1,1'-Biphenyl	13.17	154	124574	21.74	ng/ul	99
42) 2-Chloronaphthalene	13.22	162	93785	21.79	ng/ul	100
43) 2-Nitroaniline	13.43	65	23616	19.82	ng/ul	96
45) Dimethylphthalate	13.80	163	116455	19.52	ng/ul	100
46) 2,6-Dinitrotoluene	13.93	165	22815	19.63	ng/ul	93
48) Acenaphthylene	14.07	152	154375	21.27	ng/ul	100
49) 3-Nitroaniline	14.26	138	25187	19.42	ng/ul	98
50) Acenaphthene	14.41	153	100910	20.81	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	11582	18.79	ng/ul	97
53) 4-Nitrophenol	14.57	109	17243	17.94	ng/ul	100
54) Dibenzofuran	14.75	168	141901	20.51	ng/ul	98
55) 2,4-Dinitrotoluene	14.72	165	34299	19.43	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.98	232	26405	19.23	ng/ul	97
57) Diethylphthalate	15.17	149	117719	18.65	ng/ul	99
59) Fluorene	15.40	166	113034	20.35	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.39	204	54638	20.27	ng/ul	99
61) 4-Nitroaniline	15.42	138	27146	18.84	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.49	198	19433	20.83	ng/ul	98
65) N-Nitrosodiphenylamine	15.61	169	96843	21.41	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	32064	20.84	ng/ul	97
67) Hexachlorobenzene	16.40	284	35845	20.95	ng/ul	97
68) Atrazine	16.56	200	34743	19.99	ng/ul	99
69) Pentachlorophenol	16.75	266	17848	18.49	ng/ul	98
70) Phenanthrene	17.14	178	175786	20.57	ng/ul	99
72) Anthracene	17.23	178	181735	20.85	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	50768	23.97	ng/uL	100
74) Pentachlorobenzene	14.67	250	44856	22.49	ng/uL	99
75) Carbazole	17.50	167	166883	20.98	ng/ul	100
76) Di-n-butylphthalate	18.06	149	192721	18.62	ng/ul	100
77) Fluoranthene	19.16	202	200503	20.41	ng/ul	99
80) Pyrene	19.53	202	209093	21.08	ng/ul	99
81) Butylbenzylphthalate	20.43	149	88906	18.95	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.22	252	70414	21.37	ng/ul	99
83) Benzo(a)anthracene	21.28	228	208412	20.06	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	129284	18.52	ng/ul	100
85) Chrysene	21.33	228	199028	19.87	ng/ul	100
87) Di-n-octyl phthalate	22.09	149	232249	19.15	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	213528	20.18	ng/ul	100
89) Benzo(k)fluoranthene	22.91	252	204000	20.35	ng/ul	100
91) Benzo(a)pyrene	23.44	252	208325	20.59	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.81	276	243840	22.39	ng/ul	99
93) Dibenzo(a,h)anthracene	25.82	278	206494	22.60	ng/ul	99
94) Benzo(g,h,i)perylene	26.50	276	204952	22.91	ng/ul	100

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

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