Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121815\
Data File : BG020266.D
Acq On : 18 Dec 2015 4:48
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
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12/18/2015 6:20:28 PM

Quant Time: Dec 18 15:54:14 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 02:40:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	79798	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	57173	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	141608	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	175016	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	163343	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2643	8.12	ng/uL	0.00
5) Phenol-d5	7.24	99	32121	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	19744	20.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	25088	21.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	27098	20.00	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	12813	20.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	15863	22.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	30083	21.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	35570	22.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	98960	21.40	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	115739	21.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	17567	21.18	ng/ul	0.00
58) Fluorene-d10	15.72	176	89906	21.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	16940	20.18	ng/ul	0.00
71) Anthracene-d10	17.57	188	140594	21.55	ng/ul	0.00
79) Pyrene-d10	19.85	212	159084	19.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	179046	21.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	3022	6.29	ng/uL	89
4) Benzaldehyde	7.23	77	21755	21.21	ng/ul	98
6) Phenol	7.27	94	35021	20.64	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.50	93	24436	20.99	ng/ul	96
10) 2-Chlorophenol	7.66	128	25707	21.30	ng/ul	98
11) 2-Methylphenol	8.53	108	26591	20.54	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.63	45	33225	19.81	ng/ul	97
14) Acetophenone	8.92	105	44185	20.82	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.90	70	23839	21.22	ng/ul#	96
16) 4-Methylphenol	8.86	108	29271	20.43	ng/ul	97
17) Hexachloroethane	9.18	117	10310	20.33	ng/ul	88
20) Nitrobenzene	9.30	77	33908	20.57	ng/ul	97
21) Isophorone	9.82	82	64596	20.53	ng/ul	99
23) 2-Nitrophenol	10.02	139	16409	22.11	ng/ul	98
24) 2,4-Dimethylphenol	10.07	107	35278	20.93	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	36295	21.29	ng/ul	94
27) 2,4-Dichlorophenol	10.55	162	30541	21.21	ng/ul	96
28) Naphthalene	10.96	128	87925	21.10	ng/ul	98
30) 4-Chloroaniline	11.07	127	36649	22.80	ng/ul	98
31) Hexachlorobutadiene	11.25	225	23442	21.84	ng/ul	96
32) Caprolactam	11.82	113	10322	20.31	ng/ul	96
33) 4-Chloro-3-methylphenol	12.18	107	35057	20.48	ng/ul	93
34) 2-Methylnaphthalene	12.56	142	67453	21.19	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	64316	21.02	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	48050	22.39	ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	20942	15.79	ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	30510	22.17	ng/ul	97
40) 2,4,5-Trichlorophenol	13.24	196	33835	22.11	ng/ul	94
41) 1,1'-Biphenyl	13.56	154	93846	21.76	ng/ul	95
42) 2-Chloronaphthalene	13.61	162	75721	21.93	ng/ul	99
43) 2-Nitroaniline	13.81	65	23844	20.31	ng/ul	92
45) Dimethylphthalate	14.17	163	102650	21.73	ng/ul	100
46) 2,6-Dinitrotoluene	14.29	165	21407	21.91	ng/ul	97
48) Acenaphthylene	14.45	152	124081	21.71	ng/ul	99
49) 3-Nitroaniline	14.62	138	20326	21.43	ng/ul	94
50) Acenaphthene	14.79	153	82444	21.44	ng/ul	99
51) 2,4-Dinitrophenol	14.84	184	9395	16.90	ng/ul	96
53) 4-Nitrophenol	14.93	109	15362	19.26	ng/ul	94
54) Dibenzofuran	15.12	168	123975	21.67	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	31591	22.03	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.35	232	30781	20.93	ng/ul#	97
57) Diethylphthalate	15.53	149	104461	21.31	ng/ul	98
59) Fluorene	15.78	166	100433	21.86	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.76	204	56898	21.96	ng/ul	95
61) 4-Nitroaniline	15.79	138	22359	21.80	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	17820	19.77	ng/ul	99
65) N-Nitrosodiphenylamine	15.98	169	87749	22.29	ng/ul	98
66) 4-Bromophenyl-phenylether	16.66	248	37583	22.61	ng/ul	96
67) Hexachlorobenzene	16.78	284	41328	23.15	ng/ul	93
68) Atrazine	16.92	200	41528	24.73	ng/ul	93
69) Pentachlorophenol	17.12	266	18773	17.44	ng/ul	94
70) Phenanthrene	17.51	178	166609	21.51	ng/ul	97
72) Anthracene	17.61	178	169990	21.64	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	50362	22.70	ng/uL	95
74) Pentachlorobenzene	15.05	250	48190	23.42	ng/uL	94
75) Carbazole	17.87	167	145213	22.00	ng/ul	99
76) Di-n-butylphthalate	18.42	149	166287	21.68	ng/ul	100
77) Fluoranthene	19.52	202	203434	22.47	ng/ul	98
80) Pyrene	19.88	202	204617	19.32	ng/ul	99
81) Butylbenzylphthalate	20.76	149	75958	20.63	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.65	252	73159	22.88	ng/ul	99
83) Benzo(a)anthracene	21.73	228	235525	23.06	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	106956	20.32	ng/ul	99
85) Chrysene	21.80	228	207014	21.52	ng/ul	99
87) Di-n-octyl phthalate	22.85	149	188290	20.98	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	208617m	21.22	ng/ul	
89) Benzo(k)fluoranthene	24.05	252	210637	22.33	ng/ul	99
91) Benzo(a)pyrene	24.87	252	203545	21.84	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.76	276	227196	20.47	ng/ul	94
93) Dibenzo(a,h)anthracene	28.83	278	197102	21.40	ng/ul	98
94) Benzo(g,h,i)perylene	29.94	276	174267	19.15	ng/ul	98

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

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