Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122415\
Data File : BG020474.D
Acq On : 24 Dec 2015 14:54
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
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12/28/2015 6:02:57 PM

Quant Time: Dec 25 02:16:08 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 14:18:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	66777	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	48131	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	128068	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	165507	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	158721	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2273	8.24	ng/uL	0.00
5) Phenol-d5	7.23	99	26567	21.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	16424	22.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	21298	22.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	24206	23.55	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	11597	22.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	12930	21.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	25355	22.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	29682	22.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	87232	21.99	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	100556	21.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	14217	21.50	ng/ul	0.00
58) Fluorene-d10	15.70	176	78363	21.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	17366	20.46	ng/ul	0.00
71) Anthracene-d10	17.56	188	133193	22.20	ng/ul	0.00
79) Pyrene-d10	19.84	212	157762	22.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	174968	21.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	3376m	10.67	ng/uL	
4) Benzaldehyde	7.21	77	17580m	23.75	ng/ul	
6) Phenol	7.26	94	28485	22.39	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	20552	22.17	ng/ul	97
10) 2-Chlorophenol	7.64	128	22254	22.75	ng/ul	98
11) 2-Methylphenol	8.52	108	22245	22.53	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.61	45	27412	22.82	ng/ul	98
14) Acetophenone	8.91	105	38423	23.33	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.88	70	19696	23.66	ng/ul#	95
16) 4-Methylphenol	8.85	108	24734	23.10	ng/ul	100
17) Hexachloroethane	9.17	117	9503	23.01	ng/ul	98
20) Nitrobenzene	9.29	77	27921	21.39	ng/ul	99
21) Isophorone	9.81	82	54497	22.11	ng/ul	97
23) 2-Nitrophenol	10.01	139	13948	22.19	ng/ul	92
24) 2,4-Dimethylphenol	10.06	107	29462	22.06	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	29839	21.78	ng/ul	98
27) 2,4-Dichlorophenol	10.54	162	26164	22.15	ng/ul	97
28) Naphthalene	10.95	128	76928	21.67	ng/ul	98
30) 4-Chloroaniline	11.05	127	30382	22.90	ng/ul	96
31) Hexachlorobutadiene	11.22	225	20834	21.11	ng/ul	92
32) Caprolactam	11.81	113	8549m	22.49	ng/ul	
33) 4-Chloro-3-methylphenol	12.17	107	28035	22.65	ng/ul#	83
34) 2-Methylnaphthalene	12.54	142	57649	21.95	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.77	142	55435	22.22 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	42202	21.66 ng/ul	98
38) Hexachlorocyclopentadiene	12.88	237	20605	19.39 ng/ul	96
39) 2,4,6-Trichlorophenol	13.15	196	24730	21.38 ng/ul	99
40) 2,4,5-Trichlorophenol	13.23	196	26469	20.91 ng/ul	92
41) 1,1'-Biphenyl	13.55	154	81052	21.82 ng/ul#	92
42) 2-Chloronaphthalene	13.59	162	64479	21.52 ng/ul	98
43) 2-Nitroaniline	13.80	65	18330	21.81 ng/ul	89
45) Dimethylphthalate	14.16	163	88883	22.04 ng/ul	99
46) 2,6-Dinitrotoluene	14.28	165	18189	22.17 ng/ul	99
48) Acenaphthylene	14.44	152	106160	21.97 ng/ul	100
49) 3-Nitroaniline	14.62	138	16080	21.24 ng/ul	90
50) Acenaphthene	14.78	153	70646	21.63 ng/ul	98
51) 2,4-Dinitrophenol	14.82	184	10573	20.14 ng/ul	93
53) 4-Nitrophenol	14.93	109	12912	21.58 ng/ul	94
54) Dibenzofuran	15.11	168	107264	22.07 ng/ul	99
55) 2,4-Dinitrotoluene	15.07	165	27860	22.72 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.33	232	27547	22.10 ng/ul#	93
57) Diethylphthalate	15.52	149	90808	21.94 ng/ul	98
59) Fluorene	15.76	166	85960	21.83 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.75	204	50152	22.01 ng/ul	95
61) 4-Nitroaniline	15.78	138	18935m	22.26 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.83	198	18631	20.65 ng/ul#	97
65) N-Nitrosodiphenylamine	15.96	169	79118	22.10 ng/ul	95
66) 4-Bromophenyl-phenylether	16.64	248	35229	22.13 ng/ul	99
67) Hexachlorobenzene	16.76	284	37655	21.15 ng/ul#	91
68) Atrazine	16.90	200	34779	21.93 ng/ul	97
69) Pentachlorophenol	17.11	266	19238	19.96 ng/ul	93
70) Phenanthrene	17.50	178	155306	21.79 ng/ul	99
72) Anthracene	17.59	178	157862	21.66 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	45300	21.19 ng/uL	97
74) Pentachlorobenzene	15.03	250	42297	21.33 ng/uL	96
75) Carbazole	17.86	167	137848	22.45 ng/ul	98
76) Di-n-butylphthalate	18.41	149	159239	21.75 ng/ul	99
77) Fluoranthene	19.51	202	200401	22.36 ng/ul#	97
80) Pyrene	19.87	202	208590	22.29 ng/ul	98
81) Butylbenzylphthalate	20.74	149	72087	21.66 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.62	252	70524	21.76 ng/ul	94
83) Benzo(a)anthracene	21.71	228	211439	21.75 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	104163	21.40 ng/ul	100
85) Chrysene	21.78	228	199787	21.58 ng/ul	99
87) Di-n-octyl phthalate	22.82	149	180598	21.98 ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	209549	22.00 ng/ul	97
89) Benzo(k)fluoranthene	24.02	252	200066	21.72 ng/ul	99
91) Benzo(a)pyrene	24.84	252	199502	21.79 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.72	276	239465	21.83 ng/ul	95
93) Dibenzo(a,h)anthracene	28.78	278	198873	21.85 ng/ul#	96
94) Benzo(g,h,i)perylene	29.89	276	194320	21.57 ng/ul	98

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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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