Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092815\
Data File : BG018952.D
Acq On : 29 Sep 2015 1:37
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
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9/29/2015 2:41:16 PM

Quant Time: Sep 29 02:11:55 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 29 00:58:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	48124	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	207306	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	140827	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.36	188	383440	20.00	ng/ul	0.00
78) Chrysene-d12	21.61	240	426847	20.00	ng/ul	0.00
86) Perylene-d12	24.78	264	453134	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	7945	7.94	ng/uL	0.00
5) Phenol-d5	7.16	99	78040	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	42573	18.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.52	132	63196	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.70	113	65249	20.35	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	32455	20.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.87	143	36160	22.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.41	165	71515	21.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	94825	24.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	238176	21.02	ng/ul	0.00
47) Acenaphthylene-d8	14.31	160	281644	20.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	43008	19.77	ng/ul	0.00
58) Fluorene-d10	15.60	176	209897	21.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.72	200	39896	21.98	ng/ul	0.00
71) Anthracene-d10	17.45	188	346462	20.52	ng/ul	0.00
79) Pyrene-d10	19.74	212	407677	20.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.57	264	463499	21.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	8203	7.58	ng/uL#	71
4) Benzaldehyde	7.12	77	49443	21.63	ng/ul	92
6) Phenol	7.18	94	82670	20.22	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.40	93	60099	19.69	ng/ul	92
10) 2-Chlorophenol	7.56	128	63975	20.65	ng/ul	90
11) 2-Methylphenol	8.43	108	63931	20.34	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.52	45	65273	18.01	ng/ul#	87
14) Acetophenone	8.80	105	101483	20.78	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.78	70	48441	19.23	ng/ul#	83
16) 4-Methylphenol	8.76	108	71021	20.55	ng/ul	86
17) Hexachloroethane	9.07	117	24524	19.86	ng/ul#	71
20) Nitrobenzene	9.19	77	67273	18.47	ng/ul#	82
21) Isophorone	9.71	82	143152	19.29	ng/ul	97
23) 2-Nitrophenol	9.90	139	39312	22.09	ng/ul#	78
24) 2,4-Dimethylphenol	9.96	107	75046	20.34	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.19	93	87913	20.10	ng/ul	95
27) 2,4-Dichlorophenol	10.44	162	72513	21.79	ng/ul#	93
28) Naphthalene	10.84	128	215429	20.42	ng/ul	99
30) 4-Chloroaniline	10.95	127	93996	23.49	ng/ul	96
31) Hexachlorobutadiene	11.12	225	43504	21.18	ng/ul	91
32) Caprolactam	11.70	113	27831m	20.42	ng/ul	
33) 4-Chloro-3-methylphenol	12.07	107	73361	20.68	ng/ul	99
34) 2-Methylnaphthalene	12.44	142	161264	20.69	ng/ul	93

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	155539	20.83	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.81	216	92755	21.25	ng/ul#	95
38) Hexachlorocyclopentadiene	12.79	237	28082	11.57	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.05	196	63037	22.24	ng/ul	95
40) 2,4,5-Trichlorophenol	13.13	196	68408	22.41	ng/ul	99
41) 1,1'-Biphenyl	13.44	154	219674	20.61	ng/ul	97
42) 2-Chloronaphthalene	13.49	162	170048	20.93	ng/ul	96
43) 2-Nitroaniline	13.70	65	47473	19.71	ng/ul#	72
45) Dimethylphthalate	14.06	163	228078	20.76	ng/ul	99
46) 2,6-Dinitrotoluene	14.18	165	52406	23.72	ng/ul#	85
48) Acenaphthylene	14.34	152	297663	20.83	ng/ul	99
49) 3-Nitroaniline	14.51	138	57674	24.59	ng/ul#	78
50) Acenaphthene	14.68	153	196880	20.46	ng/ul	99
51) 2,4-Dinitrophenol	14.72	184	21945	22.08	ng/ul#	72
53) 4-Nitrophenol	14.84	109	27412	18.38	ng/ul	88
54) Dibenzofuran	15.01	168	282360	20.91	ng/ul	92
55) 2,4-Dinitrotoluene	14.98	165	76446	23.24	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	15.24	232	61176	20.75	ng/ul#	90
57) Diethylphthalate	15.42	149	231511	20.28	ng/ul	96
59) Fluorene	15.66	166	233299	20.45	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.65	204	114196	21.00	ng/ul#	89
61) 4-Nitroaniline	15.68	138	64792	24.02	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.74	198	40771	21.89	ng/ul#	87
65) N-Nitrosodiphenylamine	15.86	169	203917	20.30	ng/ul	93
66) 4-Bromophenyl-phenylether	16.54	248	78900	21.00	ng/ul	92
67) Hexachlorobenzene	16.66	284	90238	21.67	ng/ul#	93
68) Atrazine	16.80	200	96326	21.78	ng/ul	99
69) Pentachlorophenol	17.01	266	37759	15.55	ng/ul	94
70) Phenanthrene	17.40	178	393471	20.18	ng/ul	98
72) Anthracene	17.49	178	408023	20.87	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	91962	20.16	ng/uL	98
74) Pentachlorobenzene	14.94	250	96384	21.63	ng/uL	96
75) Carbazole	17.76	167	384555	22.15	ng/ul	99
76) Di-n-butylphthalate	18.31	149	456098	20.80	ng/ul#	98
77) Fluoranthene	19.40	202	512496	23.72	ng/ul	96
80) Pyrene	19.77	202	513894	20.47	ng/ul	96
81) Butylbenzylphthalate	20.64	149	205576	21.35	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.50	252	206675	27.31	ng/ul#	98
83) Benzo(a)anthracene	21.59	228	494548	20.90	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	303772	21.28	ng/ul	100
85) Chrysene	21.66	228	463434	21.23	ng/ul	97
87) Di-n-octyl phthalate	22.68	149	527010	21.98	ng/ul	100
88) Benzo(b)fluoranthene	23.77	252	529336	20.66	ng/ul	99
89) Benzo(k)fluoranthene	23.84	252	501063	20.41	ng/ul	98
91) Benzo(a)pyrene	24.63	252	506331	20.79	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.40	276	593263	21.01	ng/ul	99
93) Dibenzo(a,h)anthracene	28.46	278	496502	21.91	ng/ul	95
94) Benzo(g,h,i)perylene	29.53	276	495985	21.04	ng/ul	97

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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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