Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018123.D
Acq On : 27 Jul 2015 20:46
Operator : TP/UM
Sample : SSTDCCC020

Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Manual Integrations APPROVED
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7/28/2015 5:50:32 PM

Quant Time: Jul 28 02:36:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 01:54:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	48913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	232197	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	146342	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	331919	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	369271	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	357871	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	6293	8.04	ng/uL	0.00
5) Phenol-d5	6.69	99	65943	17.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	33438	17.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	62542	18.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	57898	17.30	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	33544	18.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	34596	17.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	63207	18.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	83727	21.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	198858	19.36	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	243071	19.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	36654	16.96	ng/ul	0.00
58) Fluorene-d10	15.18	176	179695	18.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	34907	16.45	ng/ul	0.00
71) Anthracene-d10	17.04	188	273868	19.05	ng/ul	0.00
79) Pyrene-d10	19.35	212	305743	18.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	320350	18.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	6326	7.53	ng/uL	97
4) Benzaldehyde	6.65	77	35969	18.54	ng/ul	96
6) Phenol	6.72	94	69581	18.06	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.94	93	53281	18.54	ng/ul	98
10) 2-Chlorophenol	7.07	128	59944	18.10	ng/ul	96
11) 2-Methylphenol	7.96	108	55914	17.58	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.05	45	49955	16.42	ng/ul	98
14) Acetophenone	8.33	105	85950	18.22	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.32	70	42480	16.96	ng/ul	96
16) 4-Methylphenol	8.29	108	61832	17.56	ng/ul	98
17) Hexachloroethane	8.58	117	25177	19.74	ng/ul	92
20) Nitrobenzene	8.70	77	62622	18.54	ng/ul	97
21) Isophorone	9.23	82	124660	17.71	ng/ul	99
23) 2-Nitrophenol	9.41	139	37948	18.18	ng/ul	93
24) 2,4-Dimethylphenol	9.49	107	68569	18.68	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.72	93	72393	18.27	ng/ul	100
27) 2,4-Dichlorophenol	9.94	162	61064	18.71	ng/ul	96
28) Naphthalene	10.34	128	206407	18.98	ng/ul	98
30) 4-Chloroaniline	10.46	127	88249	21.82	ng/ul	99
31) Hexachlorobutadiene	10.63	225	38158	19.95	ng/ul	98
32) Caprolactam	11.21	113	27666m	17.79	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	64366	18.08	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	154274	18.78	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	148798	18.56	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	77211	20.52	ng/ul	95
38) Hexachlorocyclopentadiene	12.32	237	36438	16.54	ng/ul	93
39) 2,4,6-Trichlorophenol	12.60	196	47758	18.92	ng/ul	97
40) 2,4,5-Trichlorophenol	12.66	196	50998	18.57	ng/ul	99
41) 1,1'-Biphenyl	13.00	154	196006	19.56	ng/ul	98
42) 2-Chloronaphthalene	13.04	162	154815	19.62	ng/ul	99
43) 2-Nitroaniline	13.26	65	35883	17.32	ng/ul	91
45) Dimethylphthalate	13.65	163	197031	19.06	ng/ul	99
46) 2,6-Dinitrotoluene	13.77	165	43845	18.49	ng/ul	99
48) Acenaphthylene	13.90	152	257555	19.43	ng/ul	99
49) 3-Nitroaniline	14.09	138	41070	19.32	ng/ul	96
50) Acenaphthene	14.25	153	167927	19.35	ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	15922	12.93	ng/ul#	90
53) 4-Nitrophenol	14.42	109	24307	17.10	ng/ul	93
54) Dibenzofuran	14.58	168	239261	19.40	ng/ul	98
55) 2,4-Dinitrotoluene	14.56	165	63789	18.73	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.82	232	43789	17.87	ng/ul	98
57) Diethylphthalate	15.03	149	202723	18.77	ng/ul	98
59) Fluorene	15.23	166	201481	18.97	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.24	204	101733	19.12	ng/ul	97
61) 4-Nitroaniline	15.26	138	47001	17.86	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.33	198	37615	16.84	ng/ul	95
65) N-Nitrosodiphenylamine	15.46	169	171997	19.02	ng/ul	99
66) 4-Bromophenyl-phenylether	16.13	248	62926	19.28	ng/ul	96
67) Hexachlorobenzene	16.24	284	68447	18.72	ng/ul	96
68) Atrazine	16.41	200	66140	18.91	ng/ul	99
69) Pentachlorophenol	16.59	266	28752	14.49	ng/ul	99
70) Phenanthrene	16.98	178	321172	19.26	ng/ul	99
72) Anthracene	17.07	178	324821	19.18	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	76563	20.51	ng/uL	98
74) Pentachlorobenzene	14.50	250	77387	19.70	ng/uL	98
75) Carbazole	17.34	167	290266	19.78	ng/ul	100
76) Di-n-butylphthalate	17.92	149	364448	18.87	ng/ul	100
77) Fluoranthene	19.00	202	370262	20.84	ng/ul	99
80) Pyrene	19.37	202	384145	18.17	ng/ul	99
81) Butylbenzylphthalate	20.29	149	154921	17.91	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.07	252	104065	17.77	ng/ul	99
83) Benzo(a)anthracene	21.13	228	367462	18.81	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	222148	17.92	ng/ul	98
85) Chrysene	21.18	228	342139	18.60	ng/ul	97
87) Di-n-octyl phthalate	21.94	149	362587	18.91	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	363002	18.51	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	354679	18.69	ng/ul	99
91) Benzo(a)pyrene	23.23	252	353142	18.60	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.54	276	404544	18.47	ng/ul	98
93) Dibenzo(a,h)anthracene	25.56	278	348024	18.61	ng/ul	98
94) Benzo(g,h,i)perylene	26.21	276	337891	18.67	ng/ul	99

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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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