Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072915\
Data File : BG018170.D
Acq On : 29 Jul 2015 19:43
Operator : TP/UM
Sample : SSTD08044
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08044

Manual Integrations APPROVED
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7/30/2015 1:56:16 PM

Quant Time: Jul 30 02:05:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 30 00:40:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	40584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	193558	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	126570	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	282517	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	298315	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	287940	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	15459	24.61	ng/uL	0.00
5) Phenol-d5	6.69	99	227040	73.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	100878	67.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	224695	80.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	206491	75.07	ng/ul	0.02
19) Nitrobenzene-d5	8.66	128	120291	77.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	138061	83.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	243966	84.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	291393	84.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	690492	76.69	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	848092	76.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	147227	78.44	ng/ul	0.02
58) Fluorene-d10	15.18	176	634780	76.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	164698	89.22	ng/ul	0.02
71) Anthracene-d10	17.04	188	931635	75.22	ng/ul	0.00
79) Pyrene-d10	19.34	212	999743	73.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1092629	78.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	14911	22.48	ng/uL	92
4) Benzaldehyde	6.65	77	111044	70.56	ng/ul	96
6) Phenol	6.72	94	229564	73.12	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.94	93	164049	70.14	ng/ul	97
10) 2-Chlorophenol	7.07	128	216579	79.11	ng/ul#	93
11) 2-Methylphenol	7.96	108	195633	74.93	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.05	45	141932	59.18	ng/ul	93
14) Acetophenone	8.33	105	285201	73.52	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.33	70	135326	66.97	ng/ul	98
16) 4-Methylphenol	8.30	108	216403	75.15	ng/ul	95
17) Hexachloroethane	8.57	117	79550	75.32	ng/ul	91
20) Nitrobenzene	8.70	77	199580	71.73	ng/ul	98
21) Isophorone	9.23	82	411064	70.59	ng/ul	99
23) 2-Nitrophenol	9.41	139	144545	81.52	ng/ul	98
24) 2,4-Dimethylphenol	9.49	107	235869	76.75	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.72	93	231910	70.75	ng/ul	98
27) 2,4-Dichlorophenol	9.95	162	235293	84.68	ng/ul	99
28) Naphthalene	10.34	128	695240	76.07	ng/ul	100
30) 4-Chloroaniline	10.46	127	296562	83.82	ng/ul	99
31) Hexachlorobutadiene	10.62	225	142060	86.82	ng/ul	97
32) Caprolactam	11.25	113	97898m	75.10	ng/ul	
33) 4-Chloro-3-methylphenol	11.61	107	227767	75.97	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	533912	76.97	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	517224	76.86	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	288895	86.52	ng/ul	98
38) Hexachlorocyclopentadiene	12.32	237	174447	93.32	ng/ul	96
39) 2,4,6-Trichlorophenol	12.59	196	198999	88.55	ng/ul	99
40) 2,4,5-Trichlorophenol	12.67	196	211659	86.56	ng/ul	99
41) 1,1'-Biphenyl	13.00	154	684331	78.19	ng/ul	96
42) 2-Chloronaphthalene	13.04	162	546176	79.36	ng/ul	97
43) 2-Nitroaniline	13.26	65	121213	68.68	ng/ul	97
45) Dimethylphthalate	13.65	163	681194	75.38	ng/ul	98
46) 2,6-Dinitrotoluene	13.77	165	171422	81.86	ng/ul	98
48) Acenaphthylene	13.90	152	870064	75.35	ng/ul	97
49) 3-Nitroaniline	14.10	138	157545	83.32	ng/ul	99
50) Acenaphthene	14.24	153	569002	75.35	ng/ul	98
51) 2,4-Dinitrophenol	14.31	184	113787	102.19	ng/ul	98
53) 4-Nitrophenol	14.44	109	89654	73.52	ng/ul	87
54) Dibenzofuran	14.58	168	813633	75.47	ng/ul	93
55) 2,4-Dinitrotoluene	14.57	165	236888	78.89	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.81	232	194878	88.66	ng/ul#	96
57) Diethylphthalate	15.03	149	678159	72.49	ng/ul	98
59) Fluorene	15.23	166	692042	74.67	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.23	204	367343	78.55	ng/ul	97
61) 4-Nitroaniline	15.28	138	174109	75.94	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.34	198	167291	85.71	ng/ul#	94
65) N-Nitrosodiphenylamine	15.46	169	597576	77.24	ng/ul	97
66) 4-Bromophenyl-phenylether	16.13	248	247436	86.83	ng/ul	96
67) Hexachlorobenzene	16.24	284	276751	86.57	ng/ul	93
68) Atrazine	16.42	200	241551	80.00	ng/ul	100
69) Pentachlorophenol	16.59	266	166540	95.23	ng/ul	96
70) Phenanthrene	16.98	178	1068784	74.50	ng/ul	97
72) Anthracene	17.07	178	1059485	72.93	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	288926	89.03	ng/uL	97
74) Pentachlorobenzene	14.50	250	305299	88.97	ng/uL	97
75) Carbazole	17.35	167	946265	75.59	ng/ul	98
76) Di-n-butylphthalate	17.92	149	1115636	68.29	ng/ul	98
77) Fluoranthene	19.00	202	1174335	76.70	ng/ul	97
80) Pyrene	19.37	202	1178751	69.04	ng/ul	97
81) Butylbenzylphthalate	20.28	149	504988	72.81	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	446459	90.78	ng/ul	98
83) Benzo(a)anthracene	21.12	228	1156599	72.98	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.07	149	681631	68.97	ng/ul#	95
85) Chrysene	21.18	228	1066265	71.46	ng/ul	94
87) Di-n-octyl phthalate	21.93	149	1117473	73.27	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	1236866	77.07	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	1106786	72.41	ng/ul	98
91) Benzo(a)pyrene	23.24	252	1153566	75.04	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.55	276	1388614	78.11	ng/ul	94
93) Dibenzo(a,h)anthracene	25.56	278	1182512	78.17	ng/ul	99
94) Benzo(g,h,i)perylene	26.22	276	1143629	77.91	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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