Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110215\
Data File : BG019436.D
Acq On : 2 Nov 2015 12:55
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
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11/3/2015 5:57:21 PM

Quant Time: Nov 03 00:17:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 31 02:28:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	33632	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.02	136	136456	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	112735	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	319552	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	421114	20.00	ng/ul	-0.01
86) Perylene-d12	25.22	264	395257	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	5700	8.12	ng/uL	-0.02
5) Phenol-d5	7.34	99	65313	21.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	41100	21.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	40883	21.21	ng/ul	-0.01
13) 4-Methylphenol-d8	8.90	113	54138	22.02	ng/ul	-0.01
19) Nitrobenzene-d5	9.37	128	21631	21.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	26677	22.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	52972	20.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	61011	23.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	196576	21.15	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	201166	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	33072	22.40	ng/ul	0.00
58) Fluorene-d10	15.81	176	165814	19.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	31028	15.00	ng/ul	0.00
71) Anthracene-d10	17.66	188	291406	20.00	ng/ul	0.00
79) Pyrene-d10	19.94	212	352827	19.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	392871	19.81	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	6493	8.12	ng/uL#	92
4) Benzaldehyde	7.31	77	49435	24.62	ng/ul	94
6) Phenol	7.37	94	69771	21.21	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.60	93	48168	21.32	ng/ul	98
10) 2-Chlorophenol	7.75	128	40995	20.66	ng/ul	97
11) 2-Methylphenol	8.63	108	50509	20.76	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.73	45	40554	22.39	ng/ul	93
14) Acetophenone	9.02	105	86569	20.97	ng/ul#	84
15) N-Nitroso-di-n-propylamine	9.00	70	58495	21.62	ng/ul	90
16) 4-Methylphenol	8.96	108	54991	20.70	ng/ul	98
17) Hexachloroethane	9.29	117	20237	19.53	ng/ul	85
20) Nitrobenzene	9.41	77	79617	20.31	ng/ul	94
21) Isophorone	9.93	82	155834	21.94	ng/ul	99
23) 2-Nitrophenol	10.13	139	27498	20.34	ng/ul#	78
24) 2,4-Dimethylphenol	10.17	107	70143	19.86	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.41	93	71005	21.12	ng/ul	99
27) 2,4-Dichlorophenol	10.67	162	51207	20.75	ng/ul	94
28) Naphthalene	11.07	128	137087	20.08	ng/ul	95
30) 4-Chloroaniline	11.17	127	62391	22.78	ng/ul	99
31) Hexachlorobutadiene	11.35	225	49178	19.50	ng/ul	90
32) Caprolactam	11.94	113	21903	24.76	ng/ul	88
33) 4-Chloro-3-methylphenol	12.29	107	69287	20.91	ng/ul#	88
34) 2-Methylnaphthalene	12.66	142	108691	19.81	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.88	142	105098	20.25 ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	86266	18.57 ng/ul#	97
38) Hexachlorocyclopentadiene	13.00	237	60055	17.42 ng/ul	96
39) 2,4,6-Trichlorophenol	13.26	196	57453	20.92 ng/ul	95
40) 2,4,5-Trichlorophenol	13.34	196	62170	20.62 ng/ul	93
41) 1,1'-Biphenyl	13.66	154	157116	19.72 ng/ul#	98
42) 2-Chloronaphthalene	13.71	162	118294	19.03 ng/ul	98
43) 2-Nitroaniline	13.90	65	55628	20.93 ng/ul	93
45) Dimethylphthalate	14.27	163	187824	19.76 ng/ul	98
46) 2,6-Dinitrotoluene	14.39	165	39154	20.35 ng/ul	92
48) Acenaphthylene	14.55	152	203289	19.28 ng/ul	99
49) 3-Nitroaniline	14.72	138	34623	20.91 ng/ul#	77
50) Acenaphthene	14.88	153	135322	19.00 ng/ul	98
51) 2,4-Dinitrophenol	14.93	184	15471	10.69 ng/ul	92
53) 4-Nitrophenol	15.03	109	48493	21.06 ng/ul#	74
54) Dibenzofuran	15.22	168	202427	19.30 ng/ul	100
55) 2,4-Dinitrotoluene	15.17	165	61090	20.10 ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.44	232	67472	21.41 ng/ul	97
57) Diethylphthalate	15.62	149	189175	20.16 ng/ul	96
59) Fluorene	15.87	166	179778	19.65 ng/ul	92
60) 4-Chlorophenyl-phenylether	15.85	204	104010	19.13 ng/ul	96
61) 4-Nitroaniline	15.88	138	39923	20.98 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.94	198	31728	14.18 ng/ul#	97
65) N-Nitrosodiphenylamine	16.07	169	160797	19.45 ng/ul	96
66) 4-Bromophenyl-phenylether	16.75	248	75903	19.99 ng/ul	97
67) Hexachlorobenzene	16.86	284	75597	18.76 ng/ul	97
68) Atrazine	17.01	200	88758	21.66 ng/ul	98
69) Pentachlorophenol	17.21	266	39090	16.43 ng/ul	98
70) Phenanthrene	17.61	178	312871m	19.40 ng/ul	
72) Anthracene	17.70	178	320341	19.49 ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	87213	18.84 ng/uL	88
74) Pentachlorobenzene	15.14	250	89062	19.08 ng/uL	95
75) Carbazole	17.96	167	287597	21.92 ng/ul	99
76) Di-n-butylphthalate	18.50	149	325775	20.04 ng/ul	98
77) Fluoranthene	19.60	202	433195	20.75 ng/ul#	96
80) Pyrene	19.97	202	453920	19.21 ng/ul#	96
81) Butylbenzylphthalate	20.84	149	148524	19.34 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.74	252	157857	19.13 ng/ul	96
83) Benzo(a)anthracene	21.83	228	478271	19.50 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.71	149	206581	18.93 ng/ul	99
85) Chrysene	21.90	228	441493	19.19 ng/ul	98
87) Di-n-octyl phthalate	22.98	149	359379	20.08 ng/ul	100
88) Benzo(b)fluoranthene	24.14	252	459614	19.72 ng/ul#	97
89) Benzo(k)fluoranthene	24.21	252	439187	19.58 ng/ul	99
91) Benzo(a)pyrene	25.06	252	436753	19.50 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.07	276	495127m	19.62 ng/ul	
93) Dibenzo(a,h)anthracene	29.14	278	412620	19.59 ng/ul	98
94) Benzo(g,h,i)perylene	30.28	276	409159	21.37 ng/ul#	89

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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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