Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019398.D
Acq On : 29 Oct 2015 2:08
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02017

Manual Integrations APPROVED
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10/30/2015 6:32:07 PM

Quant Time: Oct 29 03:25:48 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 01:04:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	33201	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	142964	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	110535	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	305489	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	391325	20.00	ng/ul	0.00
86) Perylene-d12	25.23	264	366817	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5517m	7.96	ng/uL	0.00
5) Phenol-d5	7.35	99	63423	20.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	39875	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	38586	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	50721	20.89	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	20713	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	24198	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	53899	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	61349	22.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	184631	20.26	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	206592	20.47	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	31678	21.88	ng/ul	0.00
58) Fluorene-d10	15.82	176	163975	19.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	41735	21.11	ng/ul	0.00
71) Anthracene-d10	17.67	188	281683m	20.23	ng/ul	0.00
79) Pyrene-d10	19.95	212	343682	20.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	364537	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	5895	7.47	ng/uL#	86
4) Benzaldehyde	7.33	77	45628	23.02	ng/ul	93
6) Phenol	7.38	94	68095	20.97	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.61	93	47177	21.15	ng/ul	95
10) 2-Chlorophenol	7.77	128	39697	20.27	ng/ul	99
11) 2-Methylphenol	8.64	108	49361	20.56	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.74	45	38028	21.27	ng/ul	96
14) Acetophenone	9.03	105	83965	20.60	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.01	70	56444	21.13	ng/ul#	90
16) 4-Methylphenol	8.97	108	56415	21.52	ng/ul	95
17) Hexachloroethane	9.30	117	19855	19.41	ng/ul#	85
20) Nitrobenzene	9.42	77	78899	19.21	ng/ul	96
21) Isophorone	9.94	82	144014	19.35	ng/ul	99
23) 2-Nitrophenol	10.13	139	26108	18.43	ng/ul#	82
24) 2,4-Dimethylphenol	10.19	107	71764	19.39	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.42	93	69454	19.72	ng/ul#	98
27) 2,4-Dichlorophenol	10.68	162	51992	20.11	ng/ul	96
28) Naphthalene	11.09	128	133909	18.72	ng/ul#	94
30) 4-Chloroaniline	11.19	127	62179	21.67	ng/ul	91
31) Hexachlorobutadiene	11.36	225	47917	18.13	ng/ul	97
32) Caprolactam	11.94	113	18823	20.31	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.30	107	67730	19.51	ng/ul#	95
34) 2-Methylnaphthalene	12.67	142	113670	19.77	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	106595	19.60	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	88452	19.41	ng/ul#	97
38) Hexachlorocyclopentadiene	13.01	237	64229	19.00	ng/ul	98
39) 2,4,6-Trichlorophenol	13.27	196	56381	20.93	ng/ul	94
40) 2,4,5-Trichlorophenol	13.35	196	62547	21.16	ng/ul	87
41) 1,1'-Biphenyl	13.67	154	158730	20.31	ng/ul#	98
42) 2-Chloronaphthalene	13.72	162	125538	20.60	ng/ul	95
43) 2-Nitroaniline	13.91	65	55233	21.19	ng/ul	97
45) Dimethylphthalate	14.28	163	183636	19.70	ng/ul	97
46) 2,6-Dinitrotoluene	14.40	165	38714	20.52	ng/ul	94
48) Acenaphthylene	14.56	152	203599	19.69	ng/ul	99
49) 3-Nitroaniline	14.73	138	34236	21.08	ng/ul	90
50) Acenaphthene	14.89	153	138484	19.83	ng/ul	98
51) 2,4-Dinitrophenol	14.93	184	29281	20.64	ng/ul	87
53) 4-Nitrophenol	15.03	109	43987	19.48	ng/ul#	75
54) Dibenzofuran	15.23	168	204737	19.91	ng/ul	97
55) 2,4-Dinitrotoluene	15.18	165	59814	20.08	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.45	232	64155	20.76	ng/ul	94
57) Diethylphthalate	15.63	149	182808	19.87	ng/ul	97
59) Fluorene	15.87	166	178335	19.88	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.86	204	102905	19.30	ng/ul	97
61) 4-Nitroaniline	15.89	138	37972	20.35	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.94	198	42575	19.91	ng/ul#	87
65) N-Nitrosodiphenylamine	16.07	169	160095	20.26	ng/ul	99
66) 4-Bromophenyl-phenylether	16.76	248	76688	21.12	ng/ul	97
67) Hexachlorobenzene	16.87	284	78691	20.42	ng/ul	94
68) Atrazine	17.01	200	79957	20.42	ng/ul	100
69) Pentachlorophenol	17.22	266	48600	21.37	ng/ul	97
70) Phenanthrene	17.61	178	313009	20.30	ng/ul	97
72) Anthracene	17.71	178	317361	20.19	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	88573	20.01	ng/uL	98
74) Pentachlorobenzene	15.15	250	88805	19.90	ng/uL	98
75) Carbazole	17.97	167	264466	21.09	ng/ul	97
76) Di-n-butylphthalate	18.51	149	316750	20.38	ng/ul	98
77) Fluoranthene	19.62	202	424475	21.27	ng/ul	97
80) Pyrene	19.98	202	435416	19.83	ng/ul#	94
81) Butylbenzylphthalate	20.85	149	144384	20.23	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.75	252	158501	20.67	ng/ul#	97
83) Benzo(a)anthracene	21.84	228	451066	19.79	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.73	149	201960	19.91	ng/ul	99
85) Chrysene	21.91	228	422646	19.77	ng/ul	97
87) Di-n-octyl phthalate	23.00	149	344138	20.72	ng/ul	100
88) Benzo(b)fluoranthene	24.16	252	428209	19.79	ng/ul#	96
89) Benzo(k)fluoranthene	24.23	252	414002	19.88	ng/ul	100
91) Benzo(a)pyrene	25.08	252	414359	19.94	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	29.11	276	463269	19.79	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.18	278	379330	19.41	ng/ul	96
94) Benzo(g,h,i)perylene	30.31	276	373475m	21.02	ng/ul	

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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