Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031116\
Data File : BG021423.D
Acq On : 11 Mar 2016 17:29
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02033

Manual Integrations APPROVED
Sohil
3/11/2016 6:31:15 PM

Quant Time: Mar 11 18:19:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	13370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	64427	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	39411	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	89326	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	98640	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	96887	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	2043	7.17	ng/uL	0.00
5) Phenol-d5	7.34	99	25866	17.09	ng/ul	0.07
7) Bis-(2-Chloroethyl)ether-d	7.44	67	17316	17.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	19102	18.49	ng/ul	0.02
13) 4-Methylphenol-d8	8.86	113	20848	17.04	ng/ul	0.04
19) Nitrobenzene-d5	9.29	128	10091	19.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	11240	19.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	19469	18.79	ng/ul	0.05
29) 4-Chloroaniline-d4	11.07	131	26146	19.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	64836	19.01	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	80714	19.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13375	20.74	ng/ul	0.13
58) Fluorene-d10	15.71	176	56944	19.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	11450	19.16	ng/ul	0.00
71) Anthracene-d10	17.57	188	85230	19.11	ng/ul	0.00
79) Pyrene-d10	19.84	212	89588	17.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	100955	19.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	2390	6.23	ng/uL	93
4) Benzaldehyde	7.25	77	19281	19.94	ng/ul	95
6) Phenol	7.37	94	27124	16.92	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.54	93	20707	17.97	ng/ul	93
10) 2-Chlorophenol	7.70	128	20697	18.66	ng/ul	96
11) 2-Methylphenol	8.60	108	21028	17.52	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.65	45	32800	18.06	ng/ul	97
14) Acetophenone	8.94	105	36321	17.97	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.92	70	22641	17.43	ng/ul	98
16) 4-Methylphenol	8.93	108	23449	17.32	ng/ul	89
17) Hexachloroethane	9.20	117	8830	18.36	ng/ul	96
20) Nitrobenzene	9.33	77	31188	18.69	ng/ul	97
21) Isophorone	9.85	82	59470	18.03	ng/ul	98
23) 2-Nitrophenol	10.04	139	12579	18.99	ng/ul	97
24) 2,4-Dimethylphenol	10.12	107	28710	18.57	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.32	93	29860	18.35	ng/ul	98
27) 2,4-Dichlorophenol	10.61	162	20279	18.62	ng/ul	93
28) Naphthalene	10.98	128	68930	19.08	ng/ul	99
30) 4-Chloroaniline	11.09	127	28512	19.34	ng/ul	96
31) Hexachlorobutadiene	11.25	225	14212	20.20	ng/ul	93
32) Caprolactam	11.84	113	7798m	16.63	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	26889	17.41	ng/ul	89
34) 2-Methylnaphthalene	12.57	142	50802	18.93	ng/ul	96

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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	12.79	142	47254	18.53	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	27009	20.77	ng/ul	98
38) Hexachlorocyclopentadiene	12.91	237	4270	5.66	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.18	196	17905	19.13	ng/ul	97
40) 2,4,5-Trichlorophenol	13.31	196	19717m	18.97	ng/ul	
41) 1,1'-Biphenyl	13.56	154	66402	20.08	ng/ul	95
42) 2-Chloronaphthalene	13.61	162	51956	20.22	ng/ul	96
43) 2-Nitroaniline	13.82	65	22347	18.27	ng/ul	99
45) Dimethylphthalate	14.18	163	68355	18.76	ng/ul	97
46) 2,6-Dinitrotoluene	14.31	165	14357	18.82	ng/ul	94
48) Acenaphthylene	14.46	152	82500	19.33	ng/ul	98
49) 3-Nitroaniline	14.65	138	14646	19.50	ng/ul	96
50) Acenaphthene	14.79	153	57271	19.35	ng/ul	99
51) 2,4-Dinitrophenol	14.85	184	7851	20.54	ng/ul	95
53) 4-Nitrophenol	15.06	109	13587	17.35	ng/ul	86
54) Dibenzofuran	15.13	168	77795	19.08	ng/ul	98
55) 2,4-Dinitrotoluene	15.09	165	21587	18.84	ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	15.37	232	15402	16.95	ng/ul	97
57) Diethylphthalate	15.53	149	74105	18.50	ng/ul	98
59) Fluorene	15.77	166	66003	18.51	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.76	204	34475	19.29	ng/ul	97
61) 4-Nitroaniline	15.81	138	16688	18.54	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.86	198	12886	19.89	ng/ul	92
65) N-Nitrosodiphenylamine	15.97	169	58462	19.74	ng/ul	96
66) 4-Bromophenyl-phenylether	16.65	248	20717	20.54	ng/ul	96
67) Hexachlorobenzene	16.77	284	19949	18.59	ng/ul	100
68) Atrazine	16.91	200	18833	16.75	ng/ul	98
69) Pentachlorophenol	17.13	266	9149	15.16	ng/ul	95
70) Phenanthrene	17.51	178	99940	18.80	ng/ul	98
72) Anthracene	17.60	178	101895	18.83	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	25013	22.00	ng/uL	96
74) Pentachlorobenzene	15.04	250	25646	21.14	ng/uL	98
75) Carbazole	17.88	167	86001	18.39	ng/ul	98
76) Di-n-butylphthalate	18.41	149	117687	18.47	ng/ul	99
77) Fluoranthene	19.51	202	110307	17.98	ng/ul	98
80) Pyrene	19.87	202	115364	17.48	ng/ul	99
81) Butylbenzylphthalate	20.74	149	54836	18.10	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.63	252	42538	19.61	ng/ul	98
83) Benzo(a)anthracene	21.71	228	122644	19.05	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.59	149	82753	18.35	ng/ul#	81
85) Chrysene	21.78	228	113410	19.03	ng/ul	97
87) Di-n-octyl phthalate	22.81	149	145291	18.15	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	123660	18.66	ng/ul	97
89) Benzo(k)fluoranthene	24.02	252	120497	18.67	ng/ul	94
91) Benzo(a)pyrene	24.84	252	120712	18.55	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.71	276	142026	19.87	ng/ul	97
93) Dibenzo(a,h)anthracene	28.76	278	119339	19.65	ng/ul	94
94) Benzo(g,h,i)perylene	29.88	276	113566m	19.26	ng/ul	

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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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