Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021397.D
Acq On : 10 Mar 2016 7:35
Operator : UM/SJ
Sample : SSTD02026
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02026

Manual Integrations APPROVED
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3/11/2016 5:27:19 PM

Quant Time: Mar 10 10:21:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:00:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	8393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	42519	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	29155	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	71396	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	75678	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	71301	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1601	8.38	ng/uL	0.00
5) Phenol-d5	7.27	99	19628	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	12963	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13505	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	15725	20.41	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	7175	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	8148	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	14252	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	20836	22.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	51722	19.89	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	62582	20.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	10338	21.03	ng/ul	0.00
58) Fluorene-d10	15.72	176	45687	20.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	9218	21.43	ng/ul	0.00
71) Anthracene-d10	17.57	188	72968	20.64	ng/ul	0.00
79) Pyrene-d10	19.84	212	80752	21.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	78899	20.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	2151	7.42	ng/uL	100
4) Benzaldehyde	7.26	77	15165	24.33	ng/ul	100
6) Phenol	7.30	94	20776	20.28	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.53	93	14981	20.48	ng/ul	100
10) 2-Chlorophenol	7.68	128	14683	21.05	ng/ul	100
11) 2-Methylphenol	8.56	108	15889	20.64	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.65	45	24269	20.84	ng/ul	100
14) Acetophenone	8.94	105	26834	20.55	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.92	70	17429	21.11	ng/ul	100
16) 4-Methylphenol	8.88	108	17897	20.69	ng/ul	100
17) Hexachloroethane	9.21	117	6319	20.80	ng/ul	100
20) Nitrobenzene	9.32	77	23350	20.51	ng/ul	100
21) Isophorone	9.85	82	45700	20.10	ng/ul	100
23) 2-Nitrophenol	10.04	139	9574	21.00	ng/ul	100
24) 2,4-Dimethylphenol	10.09	107	21352	20.74	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.32	93	22900	21.00	ng/ul	100
27) 2,4-Dichlorophenol	10.57	162	15461	21.48	ng/ul	100
28) Naphthalene	10.98	128	50821	21.19	ng/ul	100
30) 4-Chloroaniline	11.08	127	22167	22.20	ng/ul	100
31) Hexachlorobutadiene	11.26	225	9823	21.17	ng/ul	100
32) Caprolactam	11.84	113	6992m	21.33	ng/ul	
33) 4-Chloro-3-methylphenol	12.19	107	21505	20.97	ng/ul	100
34) 2-Methylnaphthalene	12.57	142	37480	21.20	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	35294	21.08	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	19417	20.53	ng/ul	100
38) Hexachlorocyclopentadiene	12.91	237	10071	18.75	ng/ul	100
39) 2,4,6-Trichlorophenol	13.17	196	14153	19.59	ng/ul	100
40) 2,4,5-Trichlorophenol	13.24	196	15792	19.58	ng/ul	100
41) 1,1'-Biphenyl	13.57	154	49584	20.37	ng/ul	100
42) 2-Chloronaphthalene	13.61	162	38829	20.50	ng/ul	100
43) 2-Nitroaniline	13.81	65	18748	20.14	ng/ul	100
45) Dimethylphthalate	14.18	163	54679	19.88	ng/ul	100
46) 2,6-Dinitrotoluene	14.30	165	11852	20.70	ng/ul	100
48) Acenaphthylene	14.45	152	64818	20.42	ng/ul	100
49) 3-Nitroaniline	14.64	138	12500	21.83	ng/ul	100
50) Acenaphthene	14.80	153	44970	20.82	ng/ul	100
51) 2,4-Dinitrophenol	14.84	184	4711	20.85	ng/ul	100
53) 4-Nitrophenol	14.94	109	12298	20.30	ng/ul	100
54) Dibenzofuran	15.13	168	62300	20.69	ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	17740	20.49	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.35	232	13817	19.81	ng/ul	100
57) Diethylphthalate	15.54	149	61690	19.94	ng/ul	100
59) Fluorene	15.78	166	53190	20.20	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.76	204	26938	20.32	ng/ul	100
61) 4-Nitroaniline	15.79	138	14085	21.00	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.85	198	9920	21.34	ng/ul	100
65) N-Nitrosodiphenylamine	15.98	169	48655	20.88	ng/ul	100
66) 4-Bromophenyl-phenylether	16.65	248	16036	20.66	ng/ul	100
67) Hexachlorobenzene	16.78	284	17689	23.37	ng/ul	100
68) Atrazine	16.92	200	18546	20.54	ng/ul	100
69) Pentachlorophenol	17.12	266	9438	21.29	ng/ul	100
70) Phenanthrene	17.52	178	87479	20.76	ng/ul	100
72) Anthracene	17.60	178	89343	20.83	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	18329	20.81	ng/uL	100
74) Pentachlorobenzene	15.05	250	19612	21.07	ng/uL	100
75) Carbazole	17.87	167	76854	20.64	ng/ul	100
76) Di-n-butylphthalate	18.41	149	105120	20.39	ng/ul	100
77) Fluoranthene	19.51	202	101668	20.87	ng/ul	100
80) Pyrene	19.87	202	106357	21.26	ng/ul	100
81) Butylbenzylphthalate	20.74	149	47897	20.37	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.62	252	37019	22.29	ng/ul	100
83) Benzo(a)anthracene	21.71	228	102236	20.93	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	72396	20.81	ng/ul	100
85) Chrysene	21.78	228	95823	21.24	ng/ul	100
87) Di-n-octyl phthalate	22.82	149	123152	20.53	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	100312	20.61	ng/ul	100
89) Benzo(k)fluoranthene	24.02	252	97381	20.40	ng/ul	100
91) Benzo(a)pyrene	24.84	252	97633	20.62	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.70	276	108838	20.55	ng/ul	100
93) Dibenzo(a,h)anthracene	28.76	278	92111	20.58	ng/ul	100
94) Benzo(g,h,i)perylene	29.86	276	88968	20.49	ng/ul	100

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

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