Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
Data File : BG021977.D
Acq On : 21 May 2016 12:07
Operator : UM/SJ
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 17:14:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 16:42:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD04004

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	33815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	175434	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	96528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	193337	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	159569	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	150964	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	10924	16.83	ng/uL	0.00
5) Phenol-d5	7.31	99	124413	40.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	64728	40.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	103103	40.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	103355	39.89	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	52666	40.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	57210	40.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	99361	39.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	116249	43.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	278177	38.37	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	391804	38.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	50649	40.57	ng/ul	0.00
57) Fluorene-d10	15.78	176	261809	38.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	40234	39.81	ng/ul	0.00
70) Anthracene-d10	17.63	188	353284	37.96	ng/ul	0.00
76) Pyrene-d10	19.91	212	350959	39.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	272124	38.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	18123	15.40	ng/uL	90
4) Benzaldehyde	7.30	77	73065	43.40	ng/ul	96
6) Phenol	7.34	94	123953	40.28	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.57	93	90093	40.08	ng/ul	96
10) 2-Chlorophenol	7.72	128	101802	40.44	ng/ul	97
11) 2-Methylphenol	8.60	108	96939	39.45	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.69	45	107030	39.85	ng/ul	98
14) Acetophenone	8.99	105	145947	40.26	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.97	70	75794	40.51	ng/ul	97
16) 4-Methylphenol	8.93	108	105786	39.92	ng/ul	97
17) Hexachloroethane	9.25	117	39318	39.18	ng/ul	97
20) Nitrobenzene	9.37	77	106675	40.74	ng/ul	97
21) Isophorone	9.89	82	217515	38.96	ng/ul	99
23) 2-Nitrophenol	10.09	139	59417	40.55	ng/ul	99
24) 2,4-Dimethylphenol	10.14	107	112054	39.63	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.37	93	127815	39.89	ng/ul	98
27) 2,4-Dichlorophenol	10.62	162	96252	39.66	ng/ul	99
28) Naphthalene	11.03	128	341002	38.34	ng/ul	98
30) 4-Chloroaniline	11.14	127	115660	42.74	ng/ul	99
31) Hexachlorobutadiene	11.30	225	53277	37.24	ng/ul	98
32) Caprolactam	11.90	113	37793m	38.92	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	103241	39.95	ng/ul	98
34) 2-Methylnaphthalene	12.63	142	246768	38.81	ng/ul	98

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	108856	38.02	ng/ul	99
37) Hexachlorocyclopentadiene	12.96	237	50000	40.54	ng/ul	99
38) 2,4,6-Trichlorophenol	13.23	196	76337	39.48	ng/ul	96
39) 2,4,5-Trichlorophenol	13.30	196	80286	39.13	ng/ul	99
40) 1,1'-Biphenyl	13.62	154	310042	39.01	ng/ul	99
41) 2-Chloronaphthalene	13.67	162	233107	38.18	ng/ul	98
42) 2-Nitroaniline	13.87	65	56099	42.05	ng/ul	98
44) Dimethylphthalate	14.23	163	282082	38.72	ng/ul	98
45) 2,6-Dinitrotoluene	14.36	165	62689	40.11	ng/ul	97
47) Acenaphthylene	14.51	152	396240	38.42	ng/ul	99
48) 3-Nitroaniline	14.69	138	62410	43.17	ng/ul	88
49) Acenaphthene	14.85	153	274508	38.53	ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	23575	38.96	ng/ul	92
52) 4-Nitrophenol	14.99	109	29221	41.51	ng/ul	97
53) Dibenzofuran	15.18	168	341987	38.82	ng/ul	94
54) 2,4-Dinitrotoluene	15.15	165	83978	39.85	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.41	232	63798	39.31	ng/ul	93
56) Diethylphthalate	15.59	149	290800	38.47	ng/ul	99
58) Fluorene	15.83	166	287958	38.72	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.82	204	130824	39.06	ng/ul	98
60) 4-Nitroaniline	15.85	138	68218	42.75	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.91	198	42513	40.65	ng/ul#	98
64) N-Nitrosodiphenylamine	16.03	169	237684	38.88	ng/ul	98
65) 4-Bromophenyl-phenylether	16.71	248	74350	38.05	ng/ul	97
66) Hexachlorobenzene	16.83	284	84956	37.45	ng/ul	98
67) Atrazine	16.97	200	82857	39.35	ng/ul	99
68) Pentachlorophenol	17.18	266	46183	39.11	ng/ul	99
69) Phenanthrene	17.57	178	416228	38.70	ng/ul	100
71) Anthracene	17.66	178	420292	38.59	ng/ul	99
72) Carbazole	17.93	167	374274	39.64	ng/ul	98
73) Di-n-butylphthalate	18.47	149	488384	38.61	ng/ul	99
74) Fluoranthene	19.57	202	434645	39.67	ng/ul	99
77) Pyrene	19.94	202	431641	38.44	ng/ul	98
78) Butylbenzylphthalate	20.80	149	203994	38.34	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.70	252	124777	41.61	ng/ul	99
80) Benzo(a)anthracene	21.79	228	361151	38.59	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	289821	38.27	ng/ul	98
82) Chrysene	21.86	228	347778	38.38	ng/ul	99
84) Di-n-octyl phthalate	22.92	149	484055	39.35	ng/ul	100
85) Benzo(b)fluoranthene	24.08	252	339181	38.39	ng/ul	99
86) Benzo(k)fluoranthene	24.15	252	336914	38.78	ng/ul	96
88) Benzo(a)pyrene	24.99	252	329245	38.63	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.97	276	379646	38.72	ng/ul	96
90) Dibenzo(a,h)anthracene	29.02	278	309131	37.80	ng/ul	97
91) Benzo(g,h,i)perylene	30.16	276	299043m	38.20	ng/ul	

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

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