Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022049.D
Acq On : 23 May 2016 16:36
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02014

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5/24/2016 7:37:08 PM

Quant Time: May 24 07:27:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:44:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42047	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	207677	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	110151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	211809	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	166010	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	155558	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	6154	7.63	ng/uL	0.00
5) Phenol-d5	7.32	99	73990	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	38629	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	64428	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	63880	19.83	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	31967	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	33844	20.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	61415	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	75489	23.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	169916	20.54	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	238485	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	26517	18.61	ng/ul	0.00
57) Fluorene-d10	15.78	176	154445	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	19806	17.89	ng/ul	0.00
70) Anthracene-d10	17.63	188	204272	20.09	ng/ul	0.00
76) Pyrene-d10	19.91	212	190818	20.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.92	264	153943	21.33	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	12077	8.25	ng/uL	96
4) Benzaldehyde	7.30	77	45002	21.50	ng/ul	98
6) Phenol	7.34	94	74111	19.37	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.57	93	57368	20.52	ng/ul	95
10) 2-Chlorophenol	7.72	128	63908	20.41	ng/ul	97
11) 2-Methylphenol	8.60	108	58925	19.28	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.69	45	66288	19.85	ng/ul	99
14) Acetophenone	8.99	105	90980	20.18	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.97	70	46108	19.82	ng/ul	99
16) 4-Methylphenol	8.93	108	65587	19.91	ng/ul	95
17) Hexachloroethane	9.25	117	25046	20.07	ng/ul	96
20) Nitrobenzene	9.37	77	65580	21.16	ng/ul	97
21) Isophorone	9.89	82	133381	20.18	ng/ul	97
23) 2-Nitrophenol	10.09	139	36625	21.12	ng/ul	95
24) 2,4-Dimethylphenol	10.14	107	67705	20.23	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.37	93	79430	20.94	ng/ul	98
27) 2,4-Dichlorophenol	10.62	162	59553	20.73	ng/ul	97
28) Naphthalene	11.03	128	218389	20.74	ng/ul	98
30) 4-Chloroaniline	11.14	127	77636	24.24	ng/ul	96
31) Hexachlorobutadiene	11.31	225	34337	20.28	ng/ul	90
32) Caprolactam	11.90	113	21961	19.08	ng/ul	97
33) 4-Chloro-3-methylphenol	12.25	107	62268	20.36	ng/ul	99
34) 2-Methylnaphthalene	12.63	142	152388	20.25	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	68070	20.83	ng/ul	99
37) Hexachlorocyclopentadiene	12.96	237	18788	13.35	ng/ul	98
38) 2,4,6-Trichlorophenol	13.23	196	45524	20.63	ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	46044	19.67	ng/ul	96
40) 1,1'-Biphenyl	13.62	154	190308	20.98	ng/ul	95
41) 2-Chloronaphthalene	13.67	162	146470	21.03	ng/ul	98
42) 2-Nitroaniline	13.87	65	32313	20.58	ng/ul	96
44) Dimethylphthalate	14.23	163	171752	20.66	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	36436	20.43	ng/ul	97
47) Acenaphthylene	14.51	152	241565	20.53	ng/ul	98
48) 3-Nitroaniline	14.70	138	34448	20.16	ng/ul#	88
49) Acenaphthene	14.85	153	165992	20.42	ng/ul	99
50) 2,4-Dinitrophenol	14.90	184	10239	14.83	ng/ul	97
52) 4-Nitrophenol	15.01	109	15527	19.33	ng/ul	91
53) Dibenzofuran	15.18	168	207409	20.63	ng/ul	95
54) 2,4-Dinitrotoluene	15.15	165	49555	20.61	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.41	232	37231	20.10	ng/ul	96
56) Diethylphthalate	15.59	149	176286	20.44	ng/ul	99
58) Fluorene	15.83	166	171862	20.25	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	77817	20.36	ng/ul	98
60) 4-Nitroaniline	15.86	138	34845	18.57	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.91	198	20626	18.00	ng/ul#	97
64) N-Nitrosodiphenylamine	16.03	169	140168	20.93	ng/ul	99
65) 4-Bromophenyl-phenylether	16.71	248	44117	20.61	ng/ul	96
66) Hexachlorobenzene	16.83	284	50639	20.38	ng/ul	97
67) Atrazine	16.97	200	48985	21.24	ng/ul	99
68) Pentachlorophenol	17.18	266	24316	18.79	ng/ul	99
69) Phenanthrene	17.57	178	245221	20.81	ng/ul	99
71) Anthracene	17.66	178	248928	20.86	ng/ul	98
72) Carbazole	17.93	167	212108	20.51	ng/ul	100
73) Di-n-butylphthalate	18.47	149	282265	20.37	ng/ul	98
74) Fluoranthene	19.57	202	235495	19.56	ng/ul	100
77) Pyrene	19.94	202	232718	19.92	ng/ul	98
78) Butylbenzylphthalate	20.80	149	112621	20.34	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.70	252	69704	22.34	ng/ul	99
80) Benzo(a)anthracene	21.79	228	198151	20.35	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.68	149	159953	20.30	ng/ul	97
82) Chrysene	21.86	228	191166	20.47	ng/ul	99
84) Di-n-octyl phthalate	22.92	149	279075	22.02	ng/ul	100
85) Benzo(b)fluoranthene	24.09	252	196368	21.57	ng/ul	98
86) Benzo(k)fluoranthene	24.16	252	182439	20.59	ng/ul	96
88) Benzo(a)pyrene	24.99	252	184217	20.97	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.97	276	198597m	19.72	ng/ul	
90) Dibenzo(a,h)anthracene	29.04	278	154092	18.28	ng/ul	98
91) Benzo(g,h,i)perylene	30.18	276	145422m	18.03	ng/ul	

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

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