Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG021715\
Data File : BG015997.D
Acq On : 17 Feb 2015 14:15
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
apatel
2/18/2015 10:02:37 AM

Quant Time: Feb 17 18:13:14 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 17 17:56:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	76009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	341571	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	202677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	424459	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	461280	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	438068	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	14704	7.93	ng/uL	0.00
5) Phenol-d5	6.97	99	150282	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	87020	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	109997	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	112487	19.19	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	56052	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	55185	18.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	101413	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	127799	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	268781	19.75	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	381532	20.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	69921	20.58	ng/ul	0.00
57) Fluorene-d10	15.43	176	269775	20.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	39818	15.86	ng/ul	0.00
70) Anthracene-d10	17.28	188	399622	20.50	ng/ul	0.00
76) Pyrene-d10	19.57	212	432994	21.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	406054	20.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	18688	8.81	ng/uL#	92
4) Benzaldehyde	6.95	77	51520	22.98	ng/ul	98
6) Phenol	7.00	94	156830	19.96	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.24	93	122219	20.29	ng/ul	98
10) 2-Chlorophenol	7.38	128	112443	19.88	ng/ul	99
11) 2-Methylphenol	8.25	108	112959	19.39	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	162440	19.46	ng/ul	98
14) Acetophenone	8.63	105	165917	19.69	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	97522	19.12	ng/ul	96
16) 4-Methylphenol	8.57	108	124279	19.01	ng/ul	100
17) Hexachloroethane	8.89	117	42449	19.32	ng/ul	97
20) Nitrobenzene	9.01	77	131728	20.18	ng/ul	95
21) Isophorone	9.53	82	261134	19.48	ng/ul	100
23) 2-Nitrophenol	9.71	139	61650	19.73	ng/ul	94
24) 2,4-Dimethylphenol	9.77	107	124797	19.66	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.01	93	154569	19.78	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	98770	19.82	ng/ul	96
28) Naphthalene	10.65	128	364329	20.50	ng/ul	99
30) 4-Chloroaniline	10.76	127	126269	22.05	ng/ul	100
31) Hexachlorobutadiene	10.94	225	52301	19.97	ng/ul	94
32) Caprolactam	11.51	113	50058m	18.74	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	115912	19.14	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	255692	20.02	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	104620	20.16	ng/ul	97
37) Hexachlorocyclopentadiene	12.62	237	54768	16.94	ng/ul	97
38) 2,4,6-Trichlorophenol	12.87	196	70380	20.28	ng/ul	97
39) 2,4,5-Trichlorophenol	12.94	196	77726	20.23	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	316695	20.68	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	239245	21.00	ng/ul	98
42) 2-Nitroaniline	13.51	65	83664	21.86	ng/ul#	87
44) Dimethylphthalate	13.90	163	292520	19.90	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	60809	19.25	ng/ul	98
47) Acenaphthylene	14.16	152	412401	20.69	ng/ul	99
48) 3-Nitroaniline	14.34	138	76602	21.91	ng/ul	95
49) Acenaphthene	14.50	153	267674	20.28	ng/ul	97
50) 2,4-Dinitrophenol	14.54	184	25512	15.20	ng/ul	100
52) 4-Nitrophenol	14.64	109	39056	20.42	ng/ul	97
53) Dibenzofuran	14.84	168	362880	20.50	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	86462	19.58	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	67311	20.13	ng/ul#	96
56) Diethylphthalate	15.27	149	301808	19.84	ng/ul	98
58) Fluorene	15.49	166	316055	20.38	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.48	204	140634	19.68	ng/ul	98
60) 4-Nitroaniline	15.50	138	89931	20.87	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	43837	16.07	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	268694	20.23	ng/ul	97
65) 4-Bromophenyl-phenylether	16.38	248	85637	19.40	ng/ul	97
66) Hexachlorobenzene	16.49	284	97151	19.63	ng/ul	98
67) Atrazine	16.65	200	89211	20.30	ng/ul	99
68) Pentachlorophenol	16.83	266	55826	18.94	ng/ul	97
69) Phenanthrene	17.22	178	475406	20.74	ng/ul	99
71) Anthracene	17.32	178	493614	20.89	ng/ul	100
72) Carbazole	17.58	167	469841	22.48	ng/ul	100
73) Di-n-butylphthalate	18.15	149	574078	21.39	ng/ul	100
74) Fluoranthene	19.24	202	541568	23.31	ng/ul	100
77) Pyrene	19.60	202	569440	21.21	ng/ul	99
78) Butylbenzylphthalate	20.50	149	260855	21.46	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	188610	22.01	ng/ul	99
80) Benzo(a)anthracene	21.34	228	533564	21.12	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	348656	21.67	ng/ul	98
82) Chrysene	21.39	228	496494	20.97	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	579905	24.02	ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	502819	20.43	ng/ul	98
86) Benzo(k)fluoranthene	23.01	252	505914	21.34	ng/ul	99
88) Benzo(a)pyrene	23.56	252	496105	20.83	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	584723	20.45	ng/ul	95
90) Dibenzo(a,h)anthracene	26.04	278	492332	20.46	ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	484783	20.32	ng/ul	98

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

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