Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060116\
Data File : BG022145.D
Acq On : 1 Jun 2016 17:19
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
sohil
6/2/2016 5:27:00 PM

Quant Time: Jun 02 01:40:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 02 01:11:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	38103	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	191369	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.76	164	114967	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	256614	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	258572	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	251719	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	5939	8.12	ng/uL	0.00
5) Phenol-d5	7.29	99	58090	16.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	29319	16.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	51316	17.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	51484	17.63	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	26997	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	27252	17.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	49508	18.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	64870	22.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	165524	19.17	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	216335	17.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	24827	16.70	ng/ul	0.00
57) Fluorene-d10	15.75	176	152871	18.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	22301	16.63	ng/ul	0.00
70) Anthracene-d10	17.61	188	229055	18.60	ng/ul	0.00
76) Pyrene-d10	19.89	212	240709	16.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	213063	18.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	10075	7.60	ng/uL	91
4) Benzaldehyde	7.27	77	22340	11.78	ng/ul	97
6) Phenol	7.32	94	58108	16.76	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.54	93	43999	17.37	ng/ul	93
10) 2-Chlorophenol	7.69	128	50162	17.68	ng/ul	92
11) 2-Methylphenol	8.58	108	47392	17.11	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.66	45	49418	16.33	ng/ul#	94
14) Acetophenone	8.96	105	72375	17.72	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.93	70	36961	17.53	ng/ul	97
16) 4-Methylphenol	8.91	108	50951	17.07	ng/ul	95
17) Hexachloroethane	9.22	117	19343	17.11	ng/ul#	84
20) Nitrobenzene	9.35	77	48028	16.81	ng/ul	90
21) Isophorone	9.86	82	110718	18.18	ng/ul	99
23) 2-Nitrophenol	10.06	139	30384	19.01	ng/ul	95
24) 2,4-Dimethylphenol	10.11	107	54607	17.70	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.34	93	64255	18.38	ng/ul	99
27) 2,4-Dichlorophenol	10.60	162	49430	18.67	ng/ul	97
28) Naphthalene	11.01	128	175022	18.04	ng/ul	98
30) 4-Chloroaniline	11.11	127	64654	21.90	ng/ul	99
31) Hexachlorobutadiene	11.27	225	28333	18.16	ng/ul	93
32) Caprolactam	11.87	113	20989	19.79	ng/ul	91
33) 4-Chloro-3-methylphenol	12.24	107	51947	18.43	ng/ul	98
34) 2-Methylnaphthalene	12.60	142	126967	18.31	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.96	216	58338	17.11 ng/ul	96
37) Hexachlorocyclopentadiene	12.94	237	24414	16.62 ng/ul	99
38) 2,4,6-Trichlorophenol	13.21	196	38995	16.93 ng/ul	97
39) 2,4,5-Trichlorophenol	13.28	196	42139	17.24 ng/ul	98
40) 1,1'-Biphenyl	13.60	154	164270	17.35 ng/ul#	98
41) 2-Chloronaphthalene	13.65	162	126162	17.35 ng/ul	98
42) 2-Nitroaniline	13.85	65	25620	15.63 ng/ul	90
44) Dimethylphthalate	14.20	163	164017	18.90 ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	36102	19.40 ng/ul	92
47) Acenaphthylene	14.49	152	216994	17.67 ng/ul	99
48) 3-Nitroaniline	14.67	138	31616	17.73 ng/ul	90
49) Acenaphthene	14.83	153	148728	17.53 ng/ul	100
50) 2,4-Dinitrophenol	14.89	184	9618	13.34 ng/ul	93
52) 4-Nitrophenol	14.99	109	14368	17.14 ng/ul	86
53) Dibenzofuran	15.16	168	194524	18.54 ng/ul	100
54) 2,4-Dinitrotoluene	15.13	165	47929	19.10 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.39	232	34291	17.74 ng/ul#	96
56) Diethylphthalate	15.56	149	174857	19.42 ng/ul	100
58) Fluorene	15.81	166	167707	18.94 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.79	204	76812	19.25 ng/ul	95
60) 4-Nitroaniline	15.83	138	30508	15.58 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.88	198	22984	16.56 ng/ul	93
64) N-Nitrosodiphenylamine	16.01	169	138450	17.06 ng/ul	97
65) 4-Bromophenyl-phenylether	16.69	248	45794	17.66 ng/ul	93
66) Hexachlorobenzene	16.81	284	55289	18.36 ng/ul	97
67) Atrazine	16.95	200	52960	18.95 ng/ul	98
68) Pentachlorophenol	17.16	266	16961m	10.82 ng/ul	
69) Phenanthrene	17.55	178	262835	18.41 ng/ul	99
71) Anthracene	17.64	178	261254	18.07 ng/ul	99
72) Carbazole	17.91	167	233003	18.59 ng/ul	98
73) Di-n-butylphthalate	18.45	149	315836	18.81 ng/ul	99
74) Fluoranthene	19.55	202	290018	19.88 ng/ul	97
77) Pyrene	19.91	202	298188	16.39 ng/ul	99
78) Butylbenzylphthalate	20.78	149	143289	16.62 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.68	252	86054	17.71 ng/ul	98
80) Benzo(a)anthracene	21.77	228	269354	17.76 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	211574	17.24 ng/ul	96
82) Chrysene	21.83	228	250972	17.25 ng/ul	98
84) Di-n-octyl phthalate	22.88	149	351725	17.15 ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	272576	18.50 ng/ul	98
86) Benzo(k)fluoranthene	24.10	252	249835	17.43 ng/ul	96
88) Benzo(a)pyrene	24.93	252	251849	17.72 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	290498m	17.83 ng/ul	
90) Dibenzo(a,h)anthracene	28.95	278	233291	17.11 ng/ul	98
91) Benzo(g,h,i)perylene	30.07	276	244669	18.74 ng/ul	96

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

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