Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025063.D
Acq On : 10 Dec 2016 9:43
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
Sohil
12/12/2016 4:28:53 PM

Quant Time: Dec 12 04:34:07 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 03:10:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	88910	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	374368	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	308165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	655544	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	786720	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	756494	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	11607m	6.74	ng/uL	0.00
5) Phenol-d5	7.39	99	167797	21.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	100994	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	115841	21.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	136119	21.24	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	57969	21.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	68218	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	144758	22.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	161937	25.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	431915	20.38	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	501112	21.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	73271	20.11	ng/ul	0.00
57) Fluorene-d10	15.85	176	425667	21.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	88145	21.75	ng/ul	0.00
70) Anthracene-d10	17.70	188	623932	22.55	ng/ul	0.00
76) Pyrene-d10	19.98	212	720895	22.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	701750	22.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	14636	6.53	ng/uL#	81
4) Benzaldehyde	7.38	77	123119	21.32	ng/ul	95
6) Phenol	7.41	94	175161	22.25	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.65	93	115439	20.04	ng/ul	96
10) 2-Chlorophenol	7.81	128	112645	20.89	ng/ul	98
11) 2-Methylphenol	8.68	108	121853	21.02	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.77	45	204535	20.88	ng/ul	97
14) Acetophenone	9.07	105	193768	19.86	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.04	70	114735	20.36	ng/ul#	88
16) 4-Methylphenol	9.01	108	138704	21.51	ng/ul	99
17) Hexachloroethane	9.32	117	47290	19.80	ng/ul	90
20) Nitrobenzene	9.46	77	177241	21.76	ng/ul	95
21) Isophorone	9.98	82	296610	19.24	ng/ul#	96
23) 2-Nitrophenol	10.18	139	72528	21.63	ng/ul	89
24) 2,4-Dimethylphenol	10.22	107	166541	21.72	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.46	93	166192	21.15	ng/ul#	87
27) 2,4-Dichlorophenol	10.71	162	141035	22.85	ng/ul	98
28) Naphthalene	11.12	128	371629	21.35	ng/ul	98
30) 4-Chloroaniline	11.23	127	160948	25.20	ng/ul	97
31) Hexachlorobutadiene	11.39	225	107168	20.20	ng/ul	97
32) Caprolactam	11.99	113	45716m	17.84	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	171940	22.60	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	291608	21.23	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	207785	22.37	ng/ul	99
37) Hexachlorocyclopentadiene	13.04	237	91368	16.76	ng/ul	95
38) 2,4,6-Trichlorophenol	13.30	196	130931	22.44	ng/ul#	81
39) 2,4,5-Trichlorophenol	13.38	196	143423	22.43	ng/ul	94
40) 1,1'-Biphenyl	13.70	154	415096	22.22	ng/ul	98
41) 2-Chloronaphthalene	13.75	162	330078	22.19	ng/ul	94
42) 2-Nitroaniline	13.95	65	140419	24.12	ng/ul	99
44) Dimethylphthalate	14.30	163	430499	20.67	ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	93194	20.82	ng/ul#	96
47) Acenaphthylene	14.59	152	484777	21.48	ng/ul	96
48) 3-Nitroaniline	14.77	138	88667	22.87	ng/ul#	92
49) Acenaphthene	14.93	153	343321	22.20	ng/ul	98
50) 2,4-Dinitrophenol	14.98	184	58586	20.14	ng/ul#	77
52) 4-Nitrophenol	15.07	109	94986	21.68	ng/ul	96
53) Dibenzofuran	15.26	168	533327	21.81	ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	140560	20.84	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.48	232	146281	21.65	ng/ul#	97
56) Diethylphthalate	15.65	149	444877	20.17	ng/ul	99
58) Fluorene	15.90	166	425993	21.39	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.89	204	237471	21.18	ng/ul	86
60) 4-Nitroaniline	15.93	138	92413	19.77	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.99	198	89870	21.41	ng/ul#	96
64) N-Nitrosodiphenylamine	16.10	169	396949	23.54	ng/ul	96
65) 4-Bromophenyl-phenylether	16.78	248	171796	23.20	ng/ul	93
66) Hexachlorobenzene	16.90	284	192570	23.10	ng/ul	94
67) Atrazine	17.04	200	156724	19.55	ng/ul	92
68) Pentachlorophenol	17.25	266	107144	21.40	ng/ul#	90
69) Phenanthrene	17.65	178	720149	23.02	ng/ul	97
71) Anthracene	17.74	178	725427	22.55	ng/ul	99
72) Carbazole	18.01	167	624362	23.26	ng/ul	99
73) Di-n-butylphthalate	18.53	149	717584	21.18	ng/ul	99
74) Fluoranthene	19.64	202	844876	22.72	ng/ul	100
77) Pyrene	20.01	202	858291	22.69	ng/ul#	96
78) Butylbenzylphthalate	20.86	149	334276	22.58	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.79	252	319329	23.28	ng/ul	93
80) Benzo(a)anthracene	21.87	228	906828	22.19	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	456088	22.38	ng/ul	99
82) Chrysene	21.94	228	863249	22.58	ng/ul	99
84) Di-n-octyl phthalate	23.00	149	781107	25.43	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	865207	23.06	ng/ul	99
86) Benzo(k)fluoranthene	24.29	252	873678m	24.50	ng/ul	
88) Benzo(a)pyrene	25.15	252	809162	22.43	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.25	276	900985m	20.10	ng/ul	
90) Dibenzo(a,h)anthracene	29.31	278	741994m	19.65	ng/ul	
91) Benzo(g,h,i)perylene	30.48	276	688391m	18.40	ng/ul	

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

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