Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102615\
Data File : BG019367.D
Acq On : 26 Oct 2015 20:14
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
MmDadoda
10/27/2015 6:48:46 PM

Quant Time: Oct 27 09:52:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 27 04:07:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	40133	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	171323	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	134794	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	339545	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	375542	20.00	ng/ul	0.01
86) Perylene-d12	25.30	264	364929	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	5106	7.06	ng/uL	0.00
5) Phenol-d5	7.39	99	81459	23.07	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.55	67	45799	21.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	50388	22.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	65524	23.80	ng/ul	0.01
19) Nitrobenzene-d5	9.41	128	26290	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	31962	21.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	73970	22.82	ng/ul	0.01
29) 4-Chloroaniline-d4	11.20	131	78852	24.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	227671	20.37	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	259450	20.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	36370	20.01	ng/ul	0.02
58) Fluorene-d10	15.85	176	205089	19.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	45139	20.19	ng/ul	0.00
71) Anthracene-d10	17.70	188	323530	20.81	ng/ul	0.00
79) Pyrene-d10	19.98	212	343118	20.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	374518	20.12	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	6104	7.53	ng/uL#	92
4) Benzaldehyde	7.37	77	54723	24.97	ng/ul	89
6) Phenol	7.42	94	84011	22.64	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.65	93	53859	21.35	ng/ul	97
10) 2-Chlorophenol	7.80	128	52905	22.83	ng/ul	99
11) 2-Methylphenol	8.69	108	64564	22.46	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.77	45	42072	22.65	ng/ul	93
14) Acetophenone	9.07	105	100799	21.79	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.05	70	63710	22.41	ng/ul#	88
16) 4-Methylphenol	9.01	108	71095	23.33	ng/ul	100
17) Hexachloroethane	9.34	117	24594	20.69	ng/ul	91
20) Nitrobenzene	9.46	77	96958	20.92	ng/ul	95
21) Isophorone	9.98	82	170327	21.05	ng/ul	98
23) 2-Nitrophenol	10.17	139	35939	21.74	ng/ul#	88
24) 2,4-Dimethylphenol	10.23	107	91344	21.81	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.46	93	86950	22.23	ng/ul#	95
27) 2,4-Dichlorophenol	10.72	162	69037	21.85	ng/ul#	89
28) Naphthalene	11.12	128	178703	20.95	ng/ul	95
30) 4-Chloroaniline	11.22	127	80256	24.01	ng/ul	94
31) Hexachlorobutadiene	11.40	225	65498	20.02	ng/ul	94
32) Caprolactam	12.00	113	23081	22.85	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.34	107	88607	21.80	ng/ul#	93
34) 2-Methylnaphthalene	12.71	142	145257	20.47	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.93	142	145235	21.96	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	122538	22.26	ng/ul#	96
38) Hexachlorocyclopentadiene	13.05	237	34848	7.91	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.31	196	74486	22.30	ng/ul	86
40) 2,4,5-Trichlorophenol	13.39	196	83221	22.25	ng/ul	97
41) 1,1'-Biphenyl	13.70	154	203140	20.88	ng/ul#	98
42) 2-Chloronaphthalene	13.75	162	162217	21.20	ng/ul	97
43) 2-Nitroaniline	13.95	65	64488	21.35	ng/ul	97
45) Dimethylphthalate	14.31	163	219212	19.64	ng/ul#	96
46) 2,6-Dinitrotoluene	14.43	165	49907	21.29	ng/ul	95
48) Acenaphthylene	14.60	152	266081	21.22	ng/ul	98
49) 3-Nitroaniline	14.76	138	43276	22.16	ng/ul	92
50) Acenaphthene	14.93	153	176186	21.01	ng/ul	95
51) 2,4-Dinitrophenol	14.96	184	32801	17.54	ng/ul	94
53) 4-Nitrophenol	15.07	109	53300	17.78	ng/ul#	77
54) Dibenzofuran	15.26	168	258577	20.32	ng/ul	95
55) 2,4-Dinitrotoluene	15.21	165	71110	20.60	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.48	232	84533	20.22	ng/ul	96
57) Diethylphthalate	15.66	149	215936	19.42	ng/ul	99
59) Fluorene	15.91	166	225288	20.39	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.89	204	131608	19.38	ng/ul	94
61) 4-Nitroaniline	15.92	138	47273	20.51	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.97	198	48509	20.69	ng/ul#	99
65) N-Nitrosodiphenylamine	16.11	169	196488	22.72	ng/ul	96
66) 4-Bromophenyl-phenylether	16.79	248	93692	22.29	ng/ul	97
67) Hexachlorobenzene	16.91	284	96635	22.12	ng/ul	95
68) Atrazine	17.05	200	90210	20.47	ng/ul	94
69) Pentachlorophenol	17.25	266	57717	18.57	ng/ul	91
70) Phenanthrene	17.65	178	354924	20.67	ng/ul	96
72) Anthracene	17.74	178	362466	20.91	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	122152	25.98	ng/uL	95
74) Pentachlorobenzene	15.18	250	119170	24.66	ng/uL	96
75) Carbazole	18.00	167	293323	20.79	ng/ul	96
76) Di-n-butylphthalate	18.54	149	335398	20.16	ng/ul	98
77) Fluoranthene	19.64	202	426289	18.51	ng/ul	99
80) Pyrene	20.00	202	433634	20.60	ng/ul#	96
81) Butylbenzylphthalate	20.87	149	135566	20.97	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.78	252	159985	21.51	ng/ul	98
83) Benzo(a)anthracene	21.88	228	448454	20.58	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	196615	22.00	ng/ul	99
85) Chrysene	21.95	228	425260	21.24	ng/ul	97
87) Di-n-octyl phthalate	23.04	149	335952	21.83	ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	437728	19.62	ng/ul#	99
89) Benzo(k)fluoranthene	24.29	252	420911	19.76	ng/ul	100
91) Benzo(a)pyrene	25.14	252	418858	20.26	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.21	276	489783m	20.99	ng/ul	
93) Dibenzo(a,h)anthracene	29.28	278	413901m	21.38	ng/ul	
94) Benzo(g,h,i)perylene	30.44	276	388714	20.15	ng/ul	96

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

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