Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG111915\
Data File : BG019708.D
Acq On : 19 Nov 2015 16:55
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02002

Manual Integrations APPROVED
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Quant Time: Nov 20 01:02:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 20 00:36:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	27162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	112283	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	91356	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	262506	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	356610	20.00	ng/ul	0.00
86) Perylene-d12	25.12	264	338376	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	4933	7.76	ng/uL	0.00
5) Phenol-d5	7.29	99	51313	18.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	33710	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	32552	18.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	41964	18.21	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	18086	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	19937	19.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	43869	19.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	48027	22.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	158669	19.20	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	172105	19.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	24501	18.82	ng/ul	0.00
58) Fluorene-d10	15.77	176	140886	19.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	33512	19.76	ng/ul	0.00
71) Anthracene-d10	17.62	188	248654	19.51	ng/ul	0.00
79) Pyrene-d10	19.90	212	308627	18.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	346443	19.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	5927m	8.18	ng/uL	
4) Benzaldehyde	7.27	77	42618	21.02	ng/ul	97
6) Phenol	7.32	94	56502	18.81	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.55	93	40470	19.35	ng/ul	98
10) 2-Chlorophenol	7.71	128	33018	18.94	ng/ul#	79
11) 2-Methylphenol	8.59	108	41077	18.57	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.68	45	32286	17.68	ng/ul	92
14) Acetophenone	8.98	105	69140	18.16	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.96	70	45338	17.63	ng/ul	95
16) 4-Methylphenol	8.92	108	44785	17.97	ng/ul	95
17) Hexachloroethane	9.25	117	15400	18.59	ng/ul	95
20) Nitrobenzene	9.36	77	63015	18.98	ng/ul	98
21) Isophorone	9.89	82	119581	18.67	ng/ul	98
23) 2-Nitrophenol	10.09	139	21996	19.59	ng/ul	96
24) 2,4-Dimethylphenol	10.13	107	57978	19.38	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.37	93	59712	18.84	ng/ul	96
27) 2,4-Dichlorophenol	10.62	162	40989	19.19	ng/ul	90
28) Naphthalene	11.03	128	116822	19.26	ng/ul	97
30) 4-Chloroaniline	11.13	127	49077	22.16	ng/ul	97
31) Hexachlorobutadiene	11.31	225	39743	20.67	ng/ul	93
32) Caprolactam	11.88	113	17343m	19.95	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	57042	19.15	ng/ul	89
34) 2-Methylnaphthalene	12.62	142	91019	18.82	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	87788	18.22 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	74794	20.42 ng/ul	94
38) Hexachlorocyclopentadiene	12.96	237	38101	17.86 ng/ul#	93
39) 2,4,6-Trichlorophenol	13.22	196	43651	19.54 ng/ul	93
40) 2,4,5-Trichlorophenol	13.30	196	48485	20.74 ng/ul	88
41) 1,1'-Biphenyl	13.62	154	131209	19.31 ng/ul	98
42) 2-Chloronaphthalene	13.66	162	101316	19.18 ng/ul	98
43) 2-Nitroaniline	13.86	65	42763	19.16 ng/ul	95
45) Dimethylphthalate	14.23	163	156379	19.09 ng/ul	100
46) 2,6-Dinitrotoluene	14.35	165	32301	19.71 ng/ul	96
48) Acenaphthylene	14.51	152	174022	19.47 ng/ul	97
49) 3-Nitroaniline	14.69	138	28673	21.00 ng/ul	95
50) Acenaphthene	14.84	153	119513	19.53 ng/ul	98
51) 2,4-Dinitrophenol	14.89	184	20065	18.63 ng/ul	95
53) 4-Nitrophenol	14.99	109	32212	20.30 ng/ul	97
54) Dibenzofuran	15.18	168	172764	19.26 ng/ul	97
55) 2,4-Dinitrotoluene	15.14	165	50586	19.85 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.40	232	51548	20.80 ng/ul#	94
57) Diethylphthalate	15.58	149	160091	19.56 ng/ul	98
59) Fluorene	15.83	166	151819	19.36 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.81	204	91246	20.00 ng/ul	96
61) 4-Nitroaniline	15.84	138	34702	21.11 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.90	198	35372	19.64 ng/ul	94
65) N-Nitrosodiphenylamine	16.03	169	135507	19.16 ng/ul	100
66) 4-Bromophenyl-phenylether	16.71	248	62158	19.69 ng/ul	98
67) Hexachlorobenzene	16.83	284	67544	20.29 ng/ul	97
68) Atrazine	16.97	200	68626	20.80 ng/ul	96
69) Pentachlorophenol	17.17	266	35544	19.08 ng/ul	92
70) Phenanthrene	17.57	178	273937	19.50 ng/ul	99
72) Anthracene	17.66	178	274211	19.36 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	74276	20.49 ng/uL	94
74) Pentachlorobenzene	15.10	250	75127	19.87 ng/uL	93
75) Carbazole	17.92	167	231996	20.40 ng/ul	99
76) Di-n-butylphthalate	18.46	149	284961	19.31 ng/ul	99
77) Fluoranthene	19.56	202	382635	21.37 ng/ul	98
80) Pyrene	19.93	202	395520	18.99 ng/ul	97
81) Butylbenzylphthalate	20.79	149	132281	19.30 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.68	252	141697	21.72 ng/ul	97
83) Benzo(a)anthracene	21.77	228	417428	19.31 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	190400	18.95 ng/ul#	99
85) Chrysene	21.84	228	391799	19.25 ng/ul	97
87) Di-n-octyl phthalate	22.89	149	332522	20.24 ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	410165	19.67 ng/ul	98
89) Benzo(k)fluoranthene	24.12	252	389695	19.37 ng/ul	98
91) Benzo(a)pyrene	24.96	252	390607	19.46 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.91	276	434848	19.36 ng/ul	94
93) Dibenzo(a,h)anthracene	28.98	278	358105	19.39 ng/ul	95
94) Benzo(g,h,i)perylene	30.11	276	362592	19.45 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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