Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019664.D
Acq On : 17 Nov 2015 17:49
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02030

Manual Integrations APPROVED
mohammad
11/19/2015 8:26:46 AM

Quant Time: Nov 18 01:14:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 00:33:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	19663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	86125	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	71370	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	211052	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	281210	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	265490	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	3900	8.47	ng/uL	0.00
5) Phenol-d5	7.29	99	40392	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	25911	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	24524	18.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	31930	19.14	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	12881	18.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	15894	19.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	33645	19.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	37283	22.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	123886	19.19	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	136694	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	20512	20.17	ng/ul	0.00
58) Fluorene-d10	15.77	176	113303	19.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	26069	19.12	ng/ul	0.00
71) Anthracene-d10	17.62	188	201853	19.70	ng/ul	0.00
79) Pyrene-d10	19.89	212	247496	19.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	272402	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	5283m	10.07	ng/uL	
4) Benzaldehyde	7.27	77	33651	22.93	ng/ul	95
6) Phenol	7.31	94	43875	20.17	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.56	93	30705	20.28	ng/ul	98
10) 2-Chlorophenol	7.70	128	24415	19.34	ng/ul	90
11) 2-Methylphenol	8.59	108	31968	19.96	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.68	45	26252	19.86	ng/ul	96
14) Acetophenone	8.97	105	54061	19.62	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.95	70	34116	18.32	ng/ul#	98
16) 4-Methylphenol	8.92	108	34931	19.36	ng/ul	85
17) Hexachloroethane	9.24	117	11926	19.89	ng/ul	91
20) Nitrobenzene	9.36	77	49182	19.31	ng/ul	96
21) Isophorone	9.88	82	93914	19.12	ng/ul	99
23) 2-Nitrophenol	10.08	139	16566	19.23	ng/ul	96
24) 2,4-Dimethylphenol	10.13	107	43530	18.97	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.36	93	47472	19.52	ng/ul	90
27) 2,4-Dichlorophenol	10.62	162	31116	18.99	ng/ul	98
28) Naphthalene	11.03	128	89276	19.19	ng/ul	99
30) 4-Chloroaniline	11.13	127	36653	21.58	ng/ul	91
31) Hexachlorobutadiene	11.30	225	28329	19.21	ng/ul#	91
32) Caprolactam	11.87	113	13217	19.83	ng/ul	94
33) 4-Chloro-3-methylphenol	12.24	107	44615	19.53	ng/ul	91
34) 2-Methylnaphthalene	12.62	142	70305	18.95	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	69826	18.89	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.98	216	56742	19.83	ng/ul	98
38) Hexachlorocyclopentadiene	12.96	237	31059	18.64	ng/ul	94
39) 2,4,6-Trichlorophenol	13.22	196	34616	19.84	ng/ul	94
40) 2,4,5-Trichlorophenol	13.30	196	38278	20.96	ng/ul	99
41) 1,1'-Biphenyl	13.62	154	102815	19.37	ng/ul	97
42) 2-Chloronaphthalene	13.67	162	80933	19.62	ng/ul	98
43) 2-Nitroaniline	13.86	65	33569	19.26	ng/ul	97
45) Dimethylphthalate	14.22	163	124585	19.47	ng/ul	99
46) 2,6-Dinitrotoluene	14.35	165	25429	19.86	ng/ul	99
48) Acenaphthylene	14.51	152	138698	19.86	ng/ul	98
49) 3-Nitroaniline	14.68	138	23274	21.81	ng/ul	94
50) Acenaphthene	14.85	153	93613	19.58	ng/ul	96
51) 2,4-Dinitrophenol	14.89	184	15853	18.84	ng/ul	92
53) 4-Nitrophenol	14.98	109	25302	20.41	ng/ul	99
54) Dibenzofuran	15.18	168	138382	19.74	ng/ul	96
55) 2,4-Dinitrotoluene	15.14	165	40945	20.56	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.40	232	39040	20.16	ng/ul	97
57) Diethylphthalate	15.58	149	126371	19.76	ng/ul	99
59) Fluorene	15.82	166	120251	19.62	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.81	204	68935	19.34	ng/ul	98
61) 4-Nitroaniline	15.84	138	28653	22.31	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.90	198	28648	19.79	ng/ul	93
65) N-Nitrosodiphenylamine	16.02	169	108294	19.05	ng/ul	97
66) 4-Bromophenyl-phenylether	16.70	248	48714	19.20	ng/ul	97
67) Hexachlorobenzene	16.83	284	49907	18.65	ng/ul	97
68) Atrazine	16.96	200	54908	20.70	ng/ul	99
69) Pentachlorophenol	17.17	266	26256	17.53	ng/ul	94
70) Phenanthrene	17.56	178	223239	19.76	ng/ul	98
72) Anthracene	17.66	178	225577	19.81	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	56519	19.40	ng/uL	98
74) Pentachlorobenzene	15.10	250	58969	19.40	ng/uL	95
75) Carbazole	17.92	167	189744	20.75	ng/ul	98
76) Di-n-butylphthalate	18.46	149	235398	19.84	ng/ul	100
77) Fluoranthene	19.56	202	302793	21.03	ng/ul#	97
80) Pyrene	19.92	202	318306	19.38	ng/ul	98
81) Butylbenzylphthalate	20.79	149	109526	20.27	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.68	252	112777	21.93	ng/ul	97
83) Benzo(a)anthracene	21.77	228	328382	19.27	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	156516	19.76	ng/ul	98
85) Chrysene	21.84	228	308647	19.23	ng/ul	99
87) Di-n-octyl phthalate	22.89	149	271446	21.06	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	310977	19.01	ng/ul	99
89) Benzo(k)fluoranthene	24.12	252	307569	19.49	ng/ul	98
91) Benzo(a)pyrene	24.95	252	305946	19.43	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.89	276	338585	19.21	ng/ul	96
93) Dibenzo(a,h)anthracene	28.97	278	280990	19.40	ng/ul#	97
94) Benzo(g,h,i)perylene	30.09	276	286394	19.58	ng/ul	100

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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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