Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020331.D
Acq On : 20 Dec 2015 3:33
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02009

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Quant Time: Dec 20 06:41:58 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	23457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	102605	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	71423	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	168706	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	205620	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	201288	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	3475	8.18	ng/uL	0.00
5) Phenol-d5	7.24	99	41858	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	25287	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	34486	22.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	35271	19.94	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	17426	21.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	19641	22.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	38929	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	46001	22.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	118197	20.46	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	140556	20.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	20276	19.57	ng/ul	0.00
58) Fluorene-d10	15.71	176	107269	20.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	20215	20.21	ng/ul	0.00
71) Anthracene-d10	17.57	188	165330	21.27	ng/ul	0.00
79) Pyrene-d10	19.85	212	188459	19.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	216194	21.53	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	4149	6.61	ng/uL	91
4) Benzaldehyde	7.22	77	28183	21.05	ng/ul	100
6) Phenol	7.27	94	45115	20.37	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.50	93	32102	21.12	ng/ul	95
10) 2-Chlorophenol	7.65	128	34547	21.93	ng/ul	95
11) 2-Methylphenol	8.53	108	34424	20.37	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.63	45	42680	19.50	ng/ul	97
14) Acetophenone	8.91	105	55682	20.10	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.90	70	28257	19.27	ng/ul#	99
16) 4-Methylphenol	8.86	108	37521	20.06	ng/ul	97
17) Hexachloroethane	9.18	117	14705	22.21	ng/ul	96
20) Nitrobenzene	9.30	77	43914	20.72	ng/ul	97
21) Isophorone	9.82	82	79843	19.73	ng/ul	98
23) 2-Nitrophenol	10.02	139	20890	21.89	ng/ul	95
24) 2,4-Dimethylphenol	10.06	107	43876	20.25	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.30	93	45070	20.56	ng/ul	94
27) 2,4-Dichlorophenol	10.55	162	39903	21.55	ng/ul	96
28) Naphthalene	10.96	128	117179	21.87	ng/ul	98
30) 4-Chloroaniline	11.06	127	45547	22.03	ng/ul	98
31) Hexachlorobutadiene	11.24	225	31344	22.71	ng/ul	93
32) Caprolactam	11.82	113	12794	19.58	ng/ul	98
33) 4-Chloro-3-methylphenol	12.18	107	42250	19.20	ng/ul	91
34) 2-Methylnaphthalene	12.56	142	84917	20.75	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.77	142	80392	20.43	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	62389	23.28	ng/ul	98
38) Hexachlorocyclopentadiene	12.90	237	18372	11.09	ng/ul	93
39) 2,4,6-Trichlorophenol	13.16	196	37309	21.70	ng/ul	97
40) 2,4,5-Trichlorophenol	13.23	196	39548	20.69	ng/ul	97
41) 1,1'-Biphenyl	13.56	154	116521	21.62	ng/ul	97
42) 2-Chloronaphthalene	13.60	162	93925	21.77	ng/ul	97
43) 2-Nitroaniline	13.80	65	28684	19.56	ng/ul	94
45) Dimethylphthalate	14.17	163	118821	20.14	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	25554	20.94	ng/ul	93
48) Acenaphthylene	14.45	152	151579	21.23	ng/ul	99
49) 3-Nitroaniline	14.62	138	24581	20.75	ng/ul	90
50) Acenaphthene	14.79	153	101520	21.13	ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	12903	18.57	ng/ul#	86
53) 4-Nitrophenol	14.93	109	18591	18.65	ng/ul	95
54) Dibenzofuran	15.12	168	148933	20.84	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	37011	20.66	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.35	232	37478	20.40	ng/ul#	96
57) Diethylphthalate	15.53	149	120710	19.71	ng/ul	98
59) Fluorene	15.77	166	117277	20.43	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.76	204	68328	21.11	ng/ul	95
61) 4-Nitroaniline	15.79	138	26068	20.35	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	21475	20.00	ng/ul	100
65) N-Nitrosodiphenylamine	15.97	169	103911	22.15	ng/ul	98
66) 4-Bromophenyl-phenylether	16.65	248	44953	22.70	ng/ul	99
67) Hexachlorobenzene	16.77	284	47293	22.24	ng/ul#	90
68) Atrazine	16.92	200	43539	21.76	ng/ul	99
69) Pentachlorophenol	17.12	266	26601	20.74	ng/ul	97
70) Phenanthrene	17.51	178	196451	21.29	ng/ul	99
72) Anthracene	17.60	178	198267	21.18	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	66725	25.25	ng/uL	99
74) Pentachlorobenzene	15.04	250	58472	23.85	ng/uL	98
75) Carbazole	17.87	167	170123	21.63	ng/ul	98
76) Di-n-butylphthalate	18.41	149	199219	21.80	ng/ul	100
77) Fluoranthene	19.52	202	241848	22.42	ng/ul	98
80) Pyrene	19.88	202	242554	19.49	ng/ul	99
81) Butylbenzylphthalate	20.75	149	93414	21.60	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.63	252	82147	21.87	ng/ul	94
83) Benzo(a)anthracene	21.72	228	259178	21.60	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	133266	21.55	ng/ul	99
85) Chrysene	21.79	228	240828	21.31	ng/ul	98
87) Di-n-octyl phthalate	22.84	149	230618	20.85	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	251956m	20.80	ng/ul	
89) Benzo(k)fluoranthene	24.04	252	242885	20.89	ng/ul	99
91) Benzo(a)pyrene	24.87	252	245725	21.40	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.76	276	292057	21.35	ng/ul	94
93) Dibenzo(a,h)anthracene	28.82	278	233712	20.59	ng/ul	97
94) Benzo(g,h,i)perylene	29.93	276	228060	20.34	ng/ul	98

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

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