Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121615\
Data File : BG020187.D
Acq On : 15 Dec 2015 13:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 16 02:36:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 05:59:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	23555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	104185	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	76734	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	205890	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	228560	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	214935	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	3270	7.66	ng/uL	0.00
5) Phenol-d5	7.25	99	41225	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	25080	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	30928	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	35071	19.74	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	16953	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	19798	21.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	38313	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	45100	21.93	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	129744	20.90	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	151506	20.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	24071	21.62	ng/ul	0.00
58) Fluorene-d10	15.72	176	116766	20.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	23931	19.61	ng/ul	0.00
71) Anthracene-d10	17.57	188	193055	20.35	ng/ul	0.00
79) Pyrene-d10	19.85	212	222068	20.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	223871	20.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	4732	7.51	ng/uL	98
4) Benzaldehyde	7.23	77	29242	21.75	ng/ul	97
6) Phenol	7.27	94	43964	19.77	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.51	93	30375	19.90	ng/ul	91
10) 2-Chlorophenol	7.66	128	32425	20.50	ng/ul	94
11) 2-Methylphenol	8.54	108	33240	19.59	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.63	45	43584	19.83	ng/ul	99
14) Acetophenone	8.92	105	55991	20.13	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.90	70	29771	20.22	ng/ul	99
16) 4-Methylphenol	8.87	108	37983	20.22	ng/ul	99
17) Hexachloroethane	9.19	117	12698	19.10	ng/ul	96
20) Nitrobenzene	9.31	77	44026	20.46	ng/ul	99
21) Isophorone	9.83	82	82957	20.19	ng/ul	97
23) 2-Nitrophenol	10.02	139	19667	20.30	ng/ul	99
24) 2,4-Dimethylphenol	10.07	107	45415	20.64	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.31	93	44305	19.91	ng/ul	97
27) 2,4-Dichlorophenol	10.56	162	38740	20.60	ng/ul	92
28) Naphthalene	10.96	128	112245	20.63	ng/ul	99
30) 4-Chloroaniline	11.07	127	45639	21.74	ng/ul	99
31) Hexachlorobutadiene	11.25	225	29322	20.92	ng/ul	96
32) Caprolactam	11.83	113	14043m	21.16	ng/ul	
33) 4-Chloro-3-methylphenol	12.18	107	45645	20.43	ng/ul	96
34) 2-Methylnaphthalene	12.56	142	85769	20.64	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	82099	20.55	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	59553	20.68	ng/ul	98
38) Hexachlorocyclopentadiene	12.91	237	34500	19.38	ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	38680	20.94	ng/ul	98
40) 2,4,5-Trichlorophenol	13.23	196	42377	20.64	ng/ul	99
41) 1,1'-Biphenyl	13.57	154	120322	20.78	ng/ul	93
42) 2-Chloronaphthalene	13.61	162	95867	20.68	ng/ul	99
43) 2-Nitroaniline	13.81	65	33545	21.29	ng/ul	98
45) Dimethylphthalate	14.17	163	130864	20.64	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	27138	20.70	ng/ul	98
48) Acenaphthylene	14.45	152	159557	20.80	ng/ul	99
49) 3-Nitroaniline	14.63	138	27407	21.53	ng/ul	97
50) Acenaphthene	14.79	153	106885	20.71	ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	14840	19.88	ng/ul	96
53) 4-Nitrophenol	14.92	109	23346	21.80	ng/ul	96
54) Dibenzofuran	15.12	168	158881	20.69	ng/ul	97
55) 2,4-Dinitrotoluene	15.08	165	41388	21.50	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.35	232	41847	21.20	ng/ul	97
57) Diethylphthalate	15.54	149	138654	21.08	ng/ul	98
59) Fluorene	15.78	166	129428	20.99	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.76	204	73166	21.04	ng/ul	96
61) 4-Nitroaniline	15.79	138	30318	22.03	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.84	198	26231	20.02	ng/ul#	96
65) N-Nitrosodiphenylamine	15.98	169	115770	20.22	ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	50145	20.75	ng/ul	97
67) Hexachlorobenzene	16.78	284	54549	21.02	ng/ul#	93
68) Atrazine	16.92	200	51472	21.08	ng/ul	96
69) Pentachlorophenol	17.12	266	29569	18.89	ng/ul	93
70) Phenanthrene	17.52	178	230169	20.44	ng/ul	98
72) Anthracene	17.60	178	234701	20.55	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	64566	20.02	ng/uL	98
74) Pentachlorobenzene	15.05	250	59457	19.87	ng/uL	92
75) Carbazole	17.87	167	201795	21.03	ng/ul	99
76) Di-n-butylphthalate	18.42	149	231112	20.72	ng/ul	99
77) Fluoranthene	19.52	202	284304	21.60	ng/ul	98
80) Pyrene	19.88	202	283355	20.48	ng/ul	99
81) Butylbenzylphthalate	20.75	149	100034	20.81	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.64	252	88677	21.24	ng/ul	96
83) Benzo(a)anthracene	21.72	228	278769	20.90	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	143828	20.93	ng/ul	100
85) Chrysene	21.79	228	260411	20.73	ng/ul	99
87) Di-n-octyl phthalate	22.85	149	246067	20.84	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	264266	20.43	ng/ul	98
89) Benzo(k)fluoranthene	24.04	252	260560	20.99	ng/ul	99
91) Benzo(a)pyrene	24.87	252	254351	20.74	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.76	276	307188	21.03	ng/ul	97
93) Dibenzo(a,h)anthracene	28.81	278	250847	20.69	ng/ul	99
94) Benzo(g,h,i)perylene	29.92	276	250658	20.94	ng/ul	97

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

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