Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG020116\
Data File : BG020772.D
Acq On : 1 Feb 2016 14:08
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02009

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Quant Time: Feb 02 02:25:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 01 16:04:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	16532	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	84602	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	50345	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	109432	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	100188	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	91941	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	2805	8.13	ng/uL	0.00
5) Phenol-d5	7.41	99	30237	17.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	18040	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	23867	18.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	26565	18.20	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	11462	22.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	8814	19.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	22702	18.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	35579	20.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	83198	19.35	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	103662	19.78	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	14249	18.73	ng/ul	0.00
58) Fluorene-d10	15.87	176	70793	18.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	6536	18.09	ng/ul	0.00
71) Anthracene-d10	17.72	188	105623	19.63	ng/ul	0.00
79) Pyrene-d10	19.99	212	101540	18.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	97676	19.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	3211	6.81	ng/uL#	90
4) Benzaldehyde	7.40	77	21113	22.23	ng/ul	82
6) Phenol	7.44	94	33338	18.58	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.69	93	27591	20.53	ng/ul	94
10) 2-Chlorophenol	7.83	128	25353	19.20	ng/ul#	89
11) 2-Methylphenol	8.70	108	25727	18.07	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.81	45	30142	20.29	ng/ul	97
14) Acetophenone	9.10	105	43474	19.26	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.08	70	22566	19.78	ng/ul	92
16) 4-Methylphenol	9.03	108	28686	18.00	ng/ul	98
17) Hexachloroethane	9.38	117	9652	20.84	ng/ul#	68
20) Nitrobenzene	9.49	77	27320	22.81	ng/ul#	89
21) Isophorone	10.01	82	63593	20.12	ng/ul#	98
23) 2-Nitrophenol	10.21	139	11137	20.24	ng/ul#	77
24) 2,4-Dimethylphenol	10.25	107	30580	20.05	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.49	93	40402	20.27	ng/ul#	96
27) 2,4-Dichlorophenol	10.74	162	24574	18.79	ng/ul	98
28) Naphthalene	11.15	128	93596	19.83	ng/ul	98
30) 4-Chloroaniline	11.25	127	38137	20.65	ng/ul	98
31) Hexachlorobutadiene	11.43	225	12926	19.95	ng/ul	98
32) Caprolactam	12.00	113	9641m	18.07	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	28513	18.30	ng/ul	94
34) 2-Methylnaphthalene	12.74	142	69558	19.16	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.96	142	65860	18.99	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	13.10	216	28060	19.75	ng/ul#	97
38) Hexachlorocyclopentadiene	13.08	237	14239	18.85	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.33	196	18159	19.31	ng/ul	98
40) 2,4,5-Trichlorophenol	13.40	196	19381	18.54	ng/ul	95
41) 1,1'-Biphenyl	13.73	154	89725	20.45	ng/ul#	96
42) 2-Chloronaphthalene	13.77	162	64377	19.90	ng/ul	99
43) 2-Nitroaniline	13.97	65	13782	22.49	ng/ul#	75
45) Dimethylphthalate	14.33	163	87152	19.42	ng/ul#	98
46) 2,6-Dinitrotoluene	14.45	165	12562	21.05	ng/ul#	91
48) Acenaphthylene	14.61	152	115147	19.89	ng/ul	98
49) 3-Nitroaniline	14.78	138	17059	21.09	ng/ul	87
50) Acenaphthene	14.95	153	80705	20.02	ng/ul	97
51) 2,4-Dinitrophenol	14.98	184	4594	17.37	ng/ul#	55
53) 4-Nitrophenol	15.06	109	8889	20.95	ng/ul#	59
54) Dibenzofuran	15.28	168	103702	19.68	ng/ul	97
55) 2,4-Dinitrotoluene	15.23	165	18513	22.03	ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	15.50	232	16523	18.31	ng/ul#	79
57) Diethylphthalate	15.69	149	91901	19.37	ng/ul	96
59) Fluorene	15.93	166	90202	19.59	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.92	204	37541	18.81	ng/ul#	91
61) 4-Nitroaniline	15.93	138	20809	21.25	ng/ul#	76
64) 4,6-Dinitro-2-methylphenol	15.99	198	7698	18.01	ng/ul	96
65) N-Nitrosodiphenylamine	16.13	169	74066	20.30	ng/ul	94
66) 4-Bromophenyl-phenylether	16.81	248	22248	19.06	ng/ul	93
67) Hexachlorobenzene	16.93	284	24825	19.13	ng/ul#	85
68) Atrazine	17.06	200	23297	19.32	ng/ul	94
69) Pentachlorophenol	17.26	266	12593	16.89	ng/ul	97
70) Phenanthrene	17.67	178	137261	19.97	ng/ul	99
72) Anthracene	17.75	178	137397	19.99	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.70	216	27356	21.06	ng/uL	96
74) Pentachlorobenzene	15.20	250	26351	19.71	ng/uL	95
75) Carbazole	18.02	167	123419	20.24	ng/ul	95
76) Di-n-butylphthalate	18.57	149	147425	20.19	ng/ul	99
77) Fluoranthene	19.65	202	138131	19.56	ng/ul#	77
80) Pyrene	20.02	202	144829	19.12	ng/ul#	76
81) Butylbenzylphthalate	20.89	149	60029	20.18	ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.79	252	42435	19.80	ng/ul#	98
83) Benzo(a)anthracene	21.88	228	126551	19.61	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.78	149	92600	20.11	ng/ul#	94
85) Chrysene	21.95	228	118293	19.74	ng/ul	98
87) Di-n-octyl phthalate	23.05	149	148175	19.97	ng/ul	100
88) Benzo(b)fluoranthene	24.20	252	120204	19.96	ng/ul#	92
89) Benzo(k)fluoranthene	24.28	252	119073	20.18	ng/ul#	93
91) Benzo(a)pyrene	25.13	252	115789	20.09	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	29.16	276	131248	19.48	ng/ul#	87
93) Dibenzo(a,h)anthracene	29.23	278	109015	19.59	ng/ul#	86
94) Benzo(g,h,i)perylene	30.37	276	107368	19.42	ng/ul#	83

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

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