Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
Data File : BG019410.D
Acq On : 29 Oct 2015 10:04
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02018

Quant Time: Oct 30 00:33:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 04:26:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	41945	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	172063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	125952	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	332443	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	376793	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	356371	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6065	6.93	ng/uL	0.00
5) Phenol-d5	7.36	99	80369	20.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	47818	19.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	50516	21.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	62432	20.36	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	25599	20.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	30727	20.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	68760	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	71474	21.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	204404	19.68	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	236848	20.59	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	32907	19.95	ng/ul	0.01
58) Fluorene-d10	15.82	176	184553	19.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	42192	19.61	ng/ul	0.00
71) Anthracene-d10	17.67	188	290507	19.17	ng/ul	0.00
79) Pyrene-d10	19.95	212	331796	20.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	361673	20.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	8235	8.26	ng/uL#	92
4) Benzaldehyde	7.33	77	57318	22.89	ng/ul	92
6) Phenol	7.39	94	85407	20.82	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.61	93	58160	20.64	ng/ul	95
10) 2-Chlorophenol	7.77	128	50317	20.34	ng/ul	96
11) 2-Methylphenol	8.65	108	61597	20.30	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.74	45	47652	21.10	ng/ul	93
14) Acetophenone	9.04	105	101536	19.72	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.01	70	65011	19.26	ng/ul	94
16) 4-Methylphenol	8.98	108	68798	20.77	ng/ul	98
17) Hexachloroethane	9.30	117	24651	19.07	ng/ul	90
20) Nitrobenzene	9.42	77	96882	19.60	ng/ul	95
21) Isophorone	9.95	82	166080	18.54	ng/ul	100
23) 2-Nitrophenol	10.14	139	32501	19.06	ng/ul#	77
24) 2,4-Dimethylphenol	10.19	107	85717	19.25	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.42	93	85409	20.15	ng/ul	99
27) 2,4-Dichlorophenol	10.68	162	63422	20.38	ng/ul	90
28) Naphthalene	11.09	128	170560	19.81	ng/ul	95
30) 4-Chloroaniline	11.19	127	72519	21.00	ng/ul	97
31) Hexachlorobutadiene	11.37	225	60754	19.10	ng/ul	92
32) Caprolactam	11.94	113	19824	17.77	ng/ul#	71
33) 4-Chloro-3-methylphenol	12.30	107	80281	19.22	ng/ul#	95
34) 2-Methylnaphthalene	12.68	142	134584	19.45	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	130554	19.94	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	108105	20.82	ng/ul	97
38) Hexachlorocyclopentadiene	13.01	237	55588	14.43	ng/ul	98
39) 2,4,6-Trichlorophenol	13.28	196	65159	21.23	ng/ul	95
40) 2,4,5-Trichlorophenol	13.35	196	70995	21.08	ng/ul	96
41) 1,1'-Biphenyl	13.67	154	185949	20.88	ng/ul#	97
42) 2-Chloronaphthalene	13.72	162	145208	20.91	ng/ul	98
43) 2-Nitroaniline	13.92	65	61320	20.65	ng/ul	92
45) Dimethylphthalate	14.28	163	197388	18.59	ng/ul#	97
46) 2,6-Dinitrotoluene	14.40	165	41901	19.49	ng/ul	96
48) Acenaphthylene	14.56	152	236642	20.08	ng/ul	99
49) 3-Nitroaniline	14.73	138	37458	20.24	ng/ul	82
50) Acenaphthene	14.90	153	159539	20.05	ng/ul	97
51) 2,4-Dinitrophenol	14.94	184	29367	18.17	ng/ul	99
53) 4-Nitrophenol	15.04	109	45537	17.70	ng/ul#	76
54) Dibenzofuran	15.23	168	233208	19.90	ng/ul	96
55) 2,4-Dinitrotoluene	15.18	165	63335	18.66	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.45	232	72339	20.54	ng/ul#	96
57) Diethylphthalate	15.63	149	196447	18.74	ng/ul	98
59) Fluorene	15.88	166	193497	18.93	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.86	204	118178	19.45	ng/ul	95
61) 4-Nitroaniline	15.89	138	41273	19.41	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.95	198	43430	18.66	ng/ul#	99
65) N-Nitrosodiphenylamine	16.08	169	175122	20.37	ng/ul	96
66) 4-Bromophenyl-phenylether	16.76	248	78369	19.84	ng/ul	96
67) Hexachlorobenzene	16.88	284	82629	19.71	ng/ul#	93
68) Atrazine	17.02	200	78916	18.52	ng/ul	98
69) Pentachlorophenol	17.22	266	48297	19.52	ng/ul	93
70) Phenanthrene	17.62	178	329383	19.63	ng/ul	99
72) Anthracene	17.71	178	331939	19.41	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	106456	22.10	ng/uL	97
74) Pentachlorobenzene	15.15	250	99335	20.46	ng/uL	99
75) Carbazole	17.97	167	262486	19.23	ng/ul	97
76) Di-n-butylphthalate	18.52	149	313204	18.52	ng/ul	98
77) Fluoranthene	19.62	202	412020	18.97	ng/ul#	98
80) Pyrene	19.98	202	424157	20.06	ng/ul#	95
81) Butylbenzylphthalate	20.85	149	140833	20.49	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.75	252	151003	20.46	ng/ul	98
83) Benzo(a)anthracene	21.84	228	435498	19.85	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.73	149	197955	20.27	ng/ul	98
85) Chrysene	21.92	228	405690	19.71	ng/ul	98
87) Di-n-octyl phthalate	23.00	149	334220	20.71	ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	424062	20.18	ng/ul#	98
89) Benzo(k)fluoranthene	24.24	252	401955	19.87	ng/ul	97
91) Benzo(a)pyrene	25.08	252	397759	19.70	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	29.12	276	445016	19.56	ng/ul#	93
93) Dibenzo(a,h)anthracene	29.20	278	369368	19.45	ng/ul	96
94) Benzo(g,h,i)perylene	30.34	276	365006	21.14	ng/ul	96

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

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