Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111416\
Data File : BG024768.D
Acq On : 14 Nov 2016 14:43
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02007

Quant Time: Nov 14 15:22:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 14 14:55:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	110628	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	496231	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	431766	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	1016037	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1317837	20.00	ng/ul	0.00
83) Perylene-d12	25.36	264	1392566	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	17331	8.12	ng/uL	0.00
5) Phenol-d5	7.40	99	208177	21.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	129007	21.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	150425	22.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	170478	21.42	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	72249	19.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	88778	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	176086	19.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	211970	21.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	649213	20.62	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	703592	20.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	118529	21.16	ng/ul	0.00
57) Fluorene-d10	15.87	176	593328	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	143711	20.57	ng/ul	0.00
70) Anthracene-d10	17.72	188	926619	20.65	ng/ul	0.00
76) Pyrene-d10	19.99	212	1195043	20.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1248429	20.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	19451	7.27	ng/uL	96
4) Benzaldehyde	7.40	77	158949	26.03	ng/ul	91
6) Phenol	7.43	94	210442	21.26	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.67	93	149666	21.24	ng/ul	99
10) 2-Chlorophenol	7.82	128	138589	21.08	ng/ul	95
11) 2-Methylphenol	8.69	108	148613	20.49	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.79	45	259097	21.66	ng/ul	95
14) Acetophenone	9.09	105	260141	21.71	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.07	70	155881	22.89	ng/ul	90
16) 4-Methylphenol	9.02	108	166588	21.23	ng/ul	95
17) Hexachloroethane	9.35	117	66493	22.10	ng/ul	90
20) Nitrobenzene	9.48	77	230659	20.68	ng/ul#	94
21) Isophorone	10.00	82	423926	20.38	ng/ul	98
23) 2-Nitrophenol	10.19	139	92995	20.52	ng/ul	87
24) 2,4-Dimethylphenol	10.24	107	214225	19.91	ng/ul#	93
25) Bis(2-Chloroethoxy)methane	10.48	93	217813	19.94	ng/ul	94
27) 2,4-Dichlorophenol	10.73	162	172678	20.18	ng/ul	88
28) Naphthalene	11.15	128	486912	20.46	ng/ul	97
30) 4-Chloroaniline	11.25	127	212194	22.06	ng/ul	95
31) Hexachlorobutadiene	11.40	225	147408	19.63	ng/ul#	91
32) Caprolactam	12.00	113	75194	22.30	ng/ul	85
33) 4-Chloro-3-methylphenol	12.34	107	214238	20.68	ng/ul	96
34) 2-Methylnaphthalene	12.73	142	375782	20.06	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	273344	19.51	ng/ul	97
37) Hexachlorocyclopentadiene	13.06	237	177120	19.62	ng/ul	98
38) 2,4,6-Trichlorophenol	13.32	196	165568	19.43	ng/ul	92
39) 2,4,5-Trichlorophenol	13.39	196	186029	20.09	ng/ul	93
40) 1,1'-Biphenyl	13.72	154	549291	19.77	ng/ul	98
41) 2-Chloronaphthalene	13.77	162	430316	19.93	ng/ul	99
42) 2-Nitroaniline	13.97	65	180000	21.02	ng/ul	97
44) Dimethylphthalate	14.32	163	628683	20.82	ng/ul	97
45) 2,6-Dinitrotoluene	14.45	165	134317	21.16	ng/ul#	94
47) Acenaphthylene	14.61	152	679445	20.46	ng/ul	98
48) 3-Nitroaniline	14.78	138	128636	21.93	ng/ul#	96
49) Acenaphthene	14.95	153	464633	19.77	ng/ul	99
50) 2,4-Dinitrophenol	14.99	184	88830	19.55	ng/ul	82
52) 4-Nitrophenol	15.08	109	135252	20.17	ng/ul	87
53) Dibenzofuran	15.28	168	726672	20.21	ng/ul	96
54) 2,4-Dinitrotoluene	15.24	165	205795	21.44	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.50	232	205585	21.34	ng/ul	94
56) Diethylphthalate	15.67	149	662909	20.66	ng/ul	95
58) Fluorene	15.92	166	582980	19.97	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.91	204	322319	19.52	ng/ul	92
60) 4-Nitroaniline	15.95	138	138160	20.70	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.99	198	146035	20.62	ng/ul#	94
64) N-Nitrosodiphenylamine	16.12	169	547121	19.93	ng/ul	98
65) 4-Bromophenyl-phenylether	16.80	248	258225	20.90	ng/ul	96
66) Hexachlorobenzene	16.92	284	289813	21.20	ng/ul	94
67) Atrazine	17.06	200	267815	20.81	ng/ul	97
68) Pentachlorophenol	17.27	266	164027	20.32	ng/ul	96
69) Phenanthrene	17.67	178	1051181	20.75	ng/ul	98
71) Anthracene	17.76	178	1089290	20.79	ng/ul	99
72) Carbazole	18.03	167	940221	21.88	ng/ul	96
73) Di-n-butylphthalate	18.55	149	1145000	21.14	ng/ul	98
74) Fluoranthene	19.66	202	1361262	23.14	ng/ul	99
77) Pyrene	20.02	202	1350352	20.85	ng/ul	98
78) Butylbenzylphthalate	20.88	149	530784	20.02	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.81	252	565170	22.30	ng/ul	96
80) Benzo(a)anthracene	21.90	228	1450935	20.23	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.76	149	741117	20.43	ng/ul	98
82) Chrysene	21.97	228	1384623	20.59	ng/ul	98
84) Di-n-octyl phthalate	23.04	149	1268421	21.52	ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1476809	20.13	ng/ul	99
86) Benzo(k)fluoranthene	24.32	252	1405999	20.18	ng/ul	100
88) Benzo(a)pyrene	25.19	252	1429526	20.13	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.29	276	1762884	19.86	ng/ul	95
90) Dibenzo(a,h)anthracene	29.36	278	1487600	20.11	ng/ul	95
91) Benzo(g,h,i)perylene	30.54	276	1473589	20.16	ng/ul	98

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

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