Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101116\
Data File : BG024269.D
Acq On : 11 Oct 2016 17:38
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02016

Quant Time: Oct 12 04:33:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 04:32:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	167246	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	683331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	541064	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1172490	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1363216	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1411585	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	27842	7.91	ng/uL	0.00
5) Phenol-d5	7.42	99	299600	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	201838	19.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	212811	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	247786	19.64	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	103894	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	120422	22.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	246003	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	278620	22.44	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	753239	19.94	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	900092	20.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	143053	21.36	ng/ul	0.00
57) Fluorene-d10	15.89	176	744155	20.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	154689	21.95	ng/ul	0.00
70) Anthracene-d10	17.74	188	1098610	20.74	ng/ul	0.00
76) Pyrene-d10	20.02	212	1339795	21.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.16	264	1285432	20.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	31698	8.31	ng/uL	86
4) Benzaldehyde	7.43	77	226861	20.66	ng/ul	89
6) Phenol	7.45	94	303038	19.13	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.70	93	238487	20.45	ng/ul	90
10) 2-Chlorophenol	7.84	128	209285	19.22	ng/ul	94
11) 2-Methylphenol	8.71	108	218022	18.59	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.82	45	446197	19.17	ng/ul	97
14) Acetophenone	9.13	105	372162	19.87	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.10	70	220308	19.50	ng/ul	92
16) 4-Methylphenol	9.04	108	240658	19.34	ng/ul	97
17) Hexachloroethane	9.38	117	99903	19.83	ng/ul	89
20) Nitrobenzene	9.51	77	328120	21.38	ng/ul	98
21) Isophorone	10.03	82	571481	20.49	ng/ul	99
23) 2-Nitrophenol	10.22	139	125773	21.27	ng/ul	89
24) 2,4-Dimethylphenol	10.27	107	291560	20.01	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.51	93	314234	20.55	ng/ul	100
27) 2,4-Dichlorophenol	10.75	162	230089	20.31	ng/ul	96
28) Naphthalene	11.17	128	675933	20.54	ng/ul	100
30) 4-Chloroaniline	11.28	127	280276	22.25	ng/ul	93
31) Hexachlorobutadiene	11.44	225	197798	21.80	ng/ul	93
32) Caprolactam	12.04	113	85448	19.84	ng/ul	90
33) 4-Chloro-3-methylphenol	12.36	107	282653	20.39	ng/ul	97
34) 2-Methylnaphthalene	12.76	142	533056	20.38	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	335268	21.01 ng/ul	97
37) Hexachlorocyclopentadiene	13.09	237	230588	19.71 ng/ul	97
38) 2,4,6-Trichlorophenol	13.34	196	220456	21.31 ng/ul	93
39) 2,4,5-Trichlorophenol	13.41	196	231677	20.38 ng/ul	89
40) 1,1'-Biphenyl	13.74	154	716466	20.45 ng/ul	99
41) 2-Chloronaphthalene	13.80	162	569946	20.75 ng/ul	95
42) 2-Nitroaniline	13.99	65	228325	21.84 ng/ul	94
44) Dimethylphthalate	14.35	163	746256	20.15 ng/ul	97
45) 2,6-Dinitrotoluene	14.47	165	151641	21.10 ng/ul#	90
47) Acenaphthylene	14.64	152	868411	20.85 ng/ul	99
48) 3-Nitroaniline	14.81	138	150773	22.20 ng/ul#	84
49) Acenaphthene	14.97	153	596810	20.05 ng/ul	97
50) 2,4-Dinitrophenol	15.00	184	110555	22.93 ng/ul	90
52) 4-Nitrophenol	15.09	109	173534	21.38 ng/ul	96
53) Dibenzofuran	15.31	168	892246	20.37 ng/ul	99
54) 2,4-Dinitrotoluene	15.25	165	233927	21.96 ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.52	232	234954	21.05 ng/ul#	99
56) Diethylphthalate	15.70	149	777719	19.92 ng/ul	97
58) Fluorene	15.95	166	722730	19.95 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.94	204	402321	20.01 ng/ul	94
60) 4-Nitroaniline	15.96	138	170127	21.76 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.01	198	162443	21.99 ng/ul#	94
64) N-Nitrosodiphenylamine	16.15	169	682193	20.57 ng/ul	96
65) 4-Bromophenyl-phenylether	16.83	248	282155	20.78 ng/ul	91
66) Hexachlorobenzene	16.95	284	316652	20.90 ng/ul	98
67) Atrazine	17.08	200	289943	21.38 ng/ul	99
68) Pentachlorophenol	17.29	266	208784	22.67 ng/ul	93
69) Phenanthrene	17.69	178	1248719	21.09 ng/ul	99
71) Anthracene	17.78	178	1262740	20.96 ng/ul	99
72) Carbazole	18.04	167	1100508	23.27 ng/ul	98
73) Di-n-butylphthalate	18.58	149	1333488	23.06 ng/ul	99
74) Fluoranthene	19.68	202	1517719	25.38 ng/ul	99
77) Pyrene	20.04	202	1536812	21.11 ng/ul	98
78) Butylbenzylphthalate	20.91	149	599143	20.48 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.83	252	573530	22.59 ng/ul	95
80) Benzo(a)anthracene	21.93	228	1598067	21.13 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.80	149	834330	20.16 ng/ul	98
82) Chrysene	22.00	228	1510650	20.98 ng/ul	98
84) Di-n-octyl phthalate	23.09	149	1426307	21.54 ng/ul	100
85) Benzo(b)fluoranthene	24.29	252	1545666	19.72 ng/ul#	99
86) Benzo(k)fluoranthene	24.37	252	1515462	20.08 ng/ul	99
88) Benzo(a)pyrene	25.24	252	1495160	20.03 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.36	276	1837222	20.78 ng/ul	97
90) Dibenzo(a,h)anthracene	29.44	278	1567364	20.96 ng/ul	94
91) Benzo(g,h,i)perylene	30.60	276	1494968	20.11 ng/ul	97

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

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