Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025003.D
Acq On : 8 Dec 2016 10:41
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02018

Quant Time: Dec 08 14:59:45 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 03:17:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	81750	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	349447	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	311113	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	751507	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1016231	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1078332	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	13447	8.50	ng/uL	0.00
5) Phenol-d5	7.38	99	139891	19.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	86590	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	101891	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	118673	20.13	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	49333	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	59408	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	124207	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	143733	24.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	434231	20.29	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	480804	20.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	71434	19.42	ng/ul	0.00
57) Fluorene-d10	15.85	176	418422	20.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	91008	19.59	ng/ul	0.00
70) Anthracene-d10	17.70	188	649330	20.47	ng/ul	0.00
76) Pyrene-d10	19.98	212	827363	19.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	902628	20.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	14790	7.17	ng/uL	95
4) Benzaldehyde	7.38	77	103901	19.57	ng/ul	92
6) Phenol	7.41	94	146915	20.29	ng/ul#	94
8) Bis(2-Chloroethyl)ether	7.66	93	105071	19.84	ng/ul	85
10) 2-Chlorophenol	7.80	128	99225	20.01	ng/ul	98
11) 2-Methylphenol	8.67	108	102926	19.31	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.77	45	180518	20.04	ng/ul#	96
14) Acetophenone	9.07	105	176469	19.67	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.04	70	104644	20.20	ng/ul#	92
16) 4-Methylphenol	9.00	108	119089	20.08	ng/ul	88
17) Hexachloroethane	9.33	117	46429	21.14	ng/ul	91
20) Nitrobenzene	9.47	77	154516	20.32	ng/ul#	96
21) Isophorone	9.98	82	283225	19.68	ng/ul	98
23) 2-Nitrophenol	10.18	139	63011	20.14	ng/ul	93
24) 2,4-Dimethylphenol	10.22	107	148066	20.69	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.46	93	144169	19.66	ng/ul	99
27) 2,4-Dichlorophenol	10.71	162	120810	20.97	ng/ul	90
28) Naphthalene	11.12	128	338016	20.81	ng/ul#	93
30) 4-Chloroaniline	11.23	127	146800	24.63	ng/ul	90
31) Hexachlorobutadiene	11.39	225	108130	21.83	ng/ul	93
32) Caprolactam	11.99	113	45384	18.97	ng/ul	83
33) 4-Chloro-3-methylphenol	12.32	107	147045	20.71	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	270095	21.07	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	196763	20.98 ng/ul#	89
37) Hexachlorocyclopentadiene	13.03	237	109814	19.95 ng/ul	91
38) 2,4,6-Trichlorophenol	13.30	196	116507	19.78 ng/ul#	82
39) 2,4,5-Trichlorophenol	13.38	196	132570	20.53 ng/ul	97
40) 1,1'-Biphenyl	13.70	154	386535	20.49 ng/ul	96
41) 2-Chloronaphthalene	13.75	162	302392	20.14 ng/ul	94
42) 2-Nitroaniline	13.95	65	118212	20.11 ng/ul	96
44) Dimethylphthalate	14.30	163	425680	20.24 ng/ul	99
45) 2,6-Dinitrotoluene	14.43	165	89267	19.75 ng/ul#	95
47) Acenaphthylene	14.59	152	473328	20.77 ng/ul	98
48) 3-Nitroaniline	14.77	138	81064	20.71 ng/ul#	96
49) Acenaphthene	14.93	153	326341	20.90 ng/ul	95
50) 2,4-Dinitrophenol	14.98	184	53378	18.18 ng/ul	85
52) 4-Nitrophenol	15.06	109	94689	21.40 ng/ul	97
53) Dibenzofuran	15.26	168	509512	20.63 ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	139758	20.52 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.48	232	140522	20.60 ng/ul#	92
56) Diethylphthalate	15.65	149	440493	19.78 ng/ul	98
58) Fluorene	15.90	166	405726	20.18 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.89	204	229044	20.23 ng/ul	96
60) 4-Nitroaniline	15.93	138	88603	18.77 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.98	198	92776	19.28 ng/ul#	98
64) N-Nitrosodiphenylamine	16.10	169	383646	19.84 ng/ul	94
65) 4-Bromophenyl-phenylether	16.78	248	175799	20.71 ng/ul	92
66) Hexachlorobenzene	16.90	284	203406	21.28 ng/ul#	93
67) Atrazine	17.04	200	181056	19.70 ng/ul	99
68) Pentachlorophenol	17.24	266	109379	19.06 ng/ul	93
69) Phenanthrene	17.65	178	735493	20.50 ng/ul	99
71) Anthracene	17.74	178	765213	20.75 ng/ul	97
72) Carbazole	18.01	167	660054	21.45 ng/ul	99
73) Di-n-butylphthalate	18.53	149	775855	19.97 ng/ul	99
74) Fluoranthene	19.64	202	977261	22.93 ng/ul	97
77) Pyrene	20.00	202	969209	19.84 ng/ul	96
78) Butylbenzylphthalate	20.86	149	370902	19.39 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.78	252	389983	22.01 ng/ul	97
80) Benzo(a)anthracene	21.87	228	1082523	20.50 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	530089	20.14 ng/ul	100
82) Chrysene	21.94	228	1014116	20.53 ng/ul	98
84) Di-n-octyl phthalate	23.00	149	894213	20.42 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1080420	20.21 ng/ul	98
86) Benzo(k)fluoranthene	24.28	252	1049309	20.64 ng/ul	99
88) Benzo(a)pyrene	25.14	252	1042586	20.28 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.24	276	1295759	20.28 ng/ul	98
90) Dibenzo(a,h)anthracene	29.30	278	1112274	20.66 ng/ul	99
91) Benzo(g,h,i)perylene	30.46	276	1103312	20.69 ng/ul	96

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

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