Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040717\
Data File : BG026605.D
Acq On : 7 Apr 2017 20:37
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02027

Quant Time: Apr 08 00:26:52 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 08 00:24:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	156540	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	673052	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	409926	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1006519	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1209316	20.00	ng/ul	0.00
85) Perylene-d12	24.80	264	1203186	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	24507	7.49	ng/uL	0.00
5) Phenol-d5	7.19	99	232825	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	132152	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	205614	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	190912	20.56	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	96825	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	113026	20.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	211509	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	193548	18.79	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	673662	21.22	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	801046	20.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	121509	19.68	ng/ul	0.00
57) Fluorene-d10	15.63	176	594076	20.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	130421	20.15	ng/ul	0.00
70) Anthracene-d10	17.48	188	921684	20.16	ng/ul	0.00
78) Pyrene-d10	19.75	212	1079873	20.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1034586	20.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	25990	7.44	ng/uL#	86
4) Benzaldehyde	7.17	77	132731	20.61	ng/ul	91
6) Phenol	7.22	94	245883	20.43	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.45	93	183619	19.99	ng/ul	93
10) 2-Chlorophenol	7.60	128	200158	20.01	ng/ul	96
11) 2-Methylphenol	8.48	108	189391	20.12	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	181036	20.90	ng/ul	100
14) Acetophenone	8.85	105	298668	21.41	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.83	70	136660	21.10	ng/ul	92
16) 4-Methylphenol	8.80	108	210927	20.70	ng/ul	98
17) Hexachloroethane	9.12	117	71557	19.33	ng/ul	82
20) Nitrobenzene	9.23	77	191948	20.09	ng/ul	93
21) Isophorone	9.76	82	379229	20.84	ng/ul	93
23) 2-Nitrophenol	9.95	139	121442	20.48	ng/ul#	87
24) 2,4-Dimethylphenol	10.00	107	210191	19.74	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.23	93	259017	20.60	ng/ul	100
27) 2,4-Dichlorophenol	10.49	162	207021	20.26	ng/ul	95
28) Naphthalene	10.88	128	654290	20.26	ng/ul	100
30) 4-Chloroaniline	10.99	127	171348	17.44	ng/ul	97
31) Hexachlorobutadiene	11.17	225	129294	19.88	ng/ul	98
32) Caprolactam	11.74	113	73247	20.30	ng/ul	97
33) 4-Chloro-3-methylphenol	12.11	107	199263	20.14	ng/ul#	82
34) 2-Methylnaphthalene	12.48	142	514263	20.59	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	256707	19.89	ng/ul	97
37) Hexachlorocyclopentadiene	12.83	237	112600	17.46	ng/ul	96
38) 2,4,6-Trichlorophenol	13.09	196	168913	19.73	ng/ul	97
39) 2,4,5-Trichlorophenol	13.16	196	171351	19.44	ng/ul	97
40) 1,1'-Biphenyl	13.48	154	664014	20.19	ng/ul	98
41) 2-Chloronaphthalene	13.53	162	493260	19.87	ng/ul	92
42) 2-Nitroaniline	13.72	65	120799	20.93	ng/ul	99
44) Dimethylphthalate	14.09	163	642811	20.90	ng/ul	99
45) 2,6-Dinitrotoluene	14.22	165	138416	20.85	ng/ul#	85
47) Acenaphthylene	14.36	152	803588	20.41	ng/ul	98
48) 3-Nitroaniline	14.55	138	142855	23.36	ng/ul	87
49) Acenaphthene	14.70	153	552529	20.22	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	70775	18.93	ng/ul#	81
52) 4-Nitrophenol	14.85	109	65604	20.02	ng/ul#	66
53) Dibenzofuran	15.04	168	800961	20.61	ng/ul	89
54) 2,4-Dinitrotoluene	15.00	165	204594	21.31	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.27	232	171995	20.29	ng/ul#	87
56) Diethylphthalate	15.44	149	649414	21.24	ng/ul	95
58) Fluorene	15.68	166	665515	20.60	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.67	204	324817	20.47	ng/ul#	86
60) 4-Nitroaniline	15.70	138	159554	20.93	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.76	198	139961	20.60	ng/ul#	86
64) N-Nitrosodiphenylamine	15.88	169	581032	20.18	ng/ul	99
65) 4-Bromophenyl-phenylether	16.56	248	221029	19.97	ng/ul#	86
66) Hexachlorobenzene	16.69	284	240176	20.24	ng/ul#	88
67) Atrazine	16.82	200	226251	20.29	ng/ul	96
68) Pentachlorophenol	17.03	266	133061	18.84	ng/ul	99
69) Phenanthrene	17.42	178	1071103	20.31	ng/ul	98
71) Anthracene	17.51	178	1109720	20.56	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.45	216	258937	19.53	ng/uL	100
73) Pentachlorobenzene	14.97	250	299267	19.84	ng/uL	97
74) Carbazole	17.78	167	1025899	22.11	ng/ul	96
75) Di-n-butylphthalate	18.32	149	1171854	21.43	ng/ul	98
76) Fluoranthene	19.42	202	1319063	23.40	ng/ul	100
79) Pyrene	19.78	202	1366601	20.29	ng/ul	99
80) Butylbenzylphthalate	20.66	149	533017	20.01	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.52	252	423595	20.18	ng/ul	98
82) Benzo(a)anthracene	21.61	228	1347804	20.61	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.50	149	766091	20.13	ng/ul#	95
84) Chrysene	21.67	228	1228781	20.32	ng/ul	97
86) Di-n-octyl phthalate	22.69	149	1325650	21.42	ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1356116	19.87	ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1338216	20.53	ng/ul	99
90) Benzo(a)pyrene	24.65	252	1345186	20.38	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	28.42	276	1608911	20.21	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.47	278	1333448	20.06	ng/ul	98
93) Benzo(g,h,i)perylene	29.55	276	1337597	20.20	ng/ul	98

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

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