Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG033117\
Data File : BG026537.D
Acq On : 1 Apr 2017 4:25
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02023

Quant Time: Apr 01 05:02:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 01 01:49:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	164068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	668143	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	386864	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	914316	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1149978	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1159945	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	27290	7.96	ng/uL	0.00
5) Phenol-d5	7.20	99	247539	20.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	139428	20.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	224073	20.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	199148	20.46	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	99091	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	120484	21.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	218156	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	273455	26.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	629187	21.00	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	783387	20.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	118681	20.36	ng/ul	0.00
57) Fluorene-d10	15.63	176	562339	20.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	119628	20.35	ng/ul	0.00
70) Anthracene-d10	17.48	188	886700	21.36	ng/ul	0.00
78) Pyrene-d10	19.76	212	1018218	19.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1042849	20.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	30425	8.30	ng/uL#	89
4) Benzaldehyde	7.18	77	140821	20.86	ng/ul	88
6) Phenol	7.23	94	262532	20.81	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.45	93	200738	20.85	ng/ul	96
10) 2-Chlorophenol	7.61	128	217042	20.71	ng/ul	97
11) 2-Methylphenol	8.48	108	200715	20.35	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.57	45	184804	20.35	ng/ul	96
14) Acetophenone	8.86	105	299803	20.51	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.84	70	133770	19.71	ng/ul#	94
16) 4-Methylphenol	8.81	108	215955	20.22	ng/ul	99
17) Hexachloroethane	9.12	117	79705	20.54	ng/ul	88
20) Nitrobenzene	9.24	77	197311	20.80	ng/ul	93
21) Isophorone	9.76	82	375062	20.76	ng/ul	95
23) 2-Nitrophenol	9.95	139	125841	21.38	ng/ul#	83
24) 2,4-Dimethylphenol	10.01	107	221010	20.90	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.24	93	259837	20.81	ng/ul	97
27) 2,4-Dichlorophenol	10.49	162	212425	20.94	ng/ul	97
28) Naphthalene	10.89	128	676355	21.10	ng/ul	99
30) 4-Chloroaniline	11.00	127	249862	25.62	ng/ul	97
31) Hexachlorobutadiene	11.18	225	136938	21.21	ng/ul	98
32) Caprolactam	11.73	113	68955	19.26	ng/ul	95
33) 4-Chloro-3-methylphenol	12.11	107	200671	20.43	ng/ul	85
34) 2-Methylnaphthalene	12.49	142	521078	21.01	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	258594	21.23	ng/ul	95
37) Hexachlorocyclopentadiene	12.84	237	113828	18.71	ng/ul	97
38) 2,4,6-Trichlorophenol	13.09	196	165614	20.50	ng/ul	99
39) 2,4,5-Trichlorophenol	13.16	196	167998	20.19	ng/ul	99
40) 1,1'-Biphenyl	13.49	154	653922	21.07	ng/ul	99
41) 2-Chloronaphthalene	13.53	162	491702	20.99	ng/ul	93
42) 2-Nitroaniline	13.73	65	113211	20.78	ng/ul	94
44) Dimethylphthalate	14.09	163	604124	20.81	ng/ul	98
45) 2,6-Dinitrotoluene	14.22	165	128887	20.57	ng/ul	90
47) Acenaphthylene	14.37	152	783074	21.07	ng/ul	98
48) 3-Nitroaniline	14.55	138	135620	23.50	ng/ul	90
49) Acenaphthene	14.71	153	537717	20.85	ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	56137	15.91	ng/ul#	82
52) 4-Nitrophenol	14.85	109	60936	19.70	ng/ul#	57
53) Dibenzofuran	15.04	168	770993	21.02	ng/ul	87
54) 2,4-Dinitrotoluene	15.00	165	190793	21.06	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.27	232	164707	20.59	ng/ul#	90
56) Diethylphthalate	15.45	149	599345	20.77	ng/ul	95
58) Fluorene	15.69	166	628341	20.61	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.68	204	311689	20.81	ng/ul#	83
60) 4-Nitroaniline	15.70	138	146454	20.35	ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	15.77	198	129085	20.92	ng/ul#	85
64) N-Nitrosodiphenylamine	15.89	169	553574	21.16	ng/ul	98
65) 4-Bromophenyl-phenylether	16.57	248	204833	20.37	ng/ul#	86
66) Hexachlorobenzene	16.70	284	222623	20.65	ng/ul#	86
67) Atrazine	16.83	200	212299	20.96	ng/ul	97
68) Pentachlorophenol	17.04	266	130273	20.31	ng/ul	97
69) Phenanthrene	17.42	178	1003532	20.94	ng/ul	98
71) Anthracene	17.51	178	1043001	21.28	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	253936	21.08	ng/uL	99
73) Pentachlorobenzene	14.97	250	286398	20.90	ng/uL	99
74) Carbazole	17.78	167	974348	23.12	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1060684	21.35	ng/ul#	98
76) Fluoranthene	19.42	202	1241452	24.25	ng/ul	99
79) Pyrene	19.79	202	1287588	20.11	ng/ul	99
80) Butylbenzylphthalate	20.66	149	517672	20.44	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.52	252	472669	23.68	ng/ul	99
82) Benzo(a)anthracene	21.61	228	1317620	21.18	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.51	149	755860	20.88	ng/ul#	94
84) Chrysene	21.67	228	1199065	20.85	ng/ul	97
86) Di-n-octyl phthalate	22.69	149	1279106	21.44	ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1357187	20.63	ng/ul	98
88) Benzo(k)fluoranthene	23.86	252	1334807	21.24	ng/ul	98
90) Benzo(a)pyrene	24.66	252	1330736	20.91	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.42	276	1570694	20.47	ng/ul#	91
92) Dibenzo(a,h)anthracene	28.48	278	1322473	20.64	ng/ul	99
93) Benzo(g,h,i)perylene	29.55	276	1316092	20.62	ng/ul	96

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

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