Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA G\Data\BG033116\
Data File : BG021592.D
Acq On : 31 Mar 2016 10:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 01 01:26:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 31 02:07:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	10026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	46615	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	29381	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	74691	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	86005	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	82123	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	1895	8.48	ng/uL	0.00
5) Phenol-d5	7.34	99	16148	17.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	10671	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	13837	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	15988	19.69	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	6873	19.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	7729	19.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	14402	20.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	18783	20.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	48454	19.81	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	58182	19.29	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	5294	13.54	ng/ul	0.00
58) Fluorene-d10	15.66	176	42664	19.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	8372	16.97	ng/ul	0.00
71) Anthracene-d10	17.51	188	68814	18.80	ng/ul	0.00
79) Pyrene-d10	19.79	212	77770	19.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	71681	18.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2323	7.70	ng/uL	87
4) Benzaldehyde	7.19	77	11206	19.40	ng/ul	86
6) Phenol	7.37	94	17901	17.86	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.47	93	13048	17.99	ng/ul	91
10) 2-Chlorophenol	7.66	128	13954	18.86	ng/ul	91
11) 2-Methylphenol	8.58	108	13968	18.11	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.58	45	15494	17.71	ng/ul#	1
14) Acetophenone	8.87	105	24057	18.16	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.85	70	13623	18.55	ng/ul#	94
16) 4-Methylphenol	8.91	108	15188	17.36	ng/ul	82
17) Hexachloroethane	9.13	117	5821	18.75	ng/ul#	92
20) Nitrobenzene	9.26	77	19162	19.40	ng/ul	91
21) Isophorone	9.78	82	34917	18.34	ng/ul#	97
23) 2-Nitrophenol	9.97	139	8675	19.66	ng/ul	91
24) 2,4-Dimethylphenol	10.08	107	19032	19.11	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	18430	18.58	ng/ul	97
27) 2,4-Dichlorophenol	10.59	162	14732	19.85	ng/ul	97
28) Naphthalene	10.91	128	46991	19.01	ng/ul	98
30) 4-Chloroaniline	11.03	127	19860	20.26	ng/ul	96
31) Hexachlorobutadiene	11.18	225	10329	18.90	ng/ul	95
32) Caprolactam	11.79	113	5228m	18.76	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	17880	19.73	ng/ul	95
34) 2-Methylnaphthalene	12.50	142	34716	18.93	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	33558	18.86 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	20106	19.55 ng/ul	89
38) Hexachlorocyclopentadiene	12.84	237	5853	15.54 ng/ul#	87
39) 2,4,6-Trichlorophenol	13.14	196	12058	19.94 ng/ul	93
40) 2,4,5-Trichlorophenol	13.31	196	13187	19.98 ng/ul#	84
41) 1,1'-Biphenyl	13.50	154	46729	19.44 ng/ul	94
42) 2-Chloronaphthalene	13.56	162	36210	19.26 ng/ul	96
43) 2-Nitroaniline	13.77	65	13106	19.99 ng/ul	88
45) Dimethylphthalate	14.12	163	48600	19.12 ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	10549	20.34 ng/ul	91
48) Acenaphthylene	14.40	152	58769	19.67 ng/ul	96
49) 3-Nitroaniline	14.60	138	10206	21.27 ng/ul#	85
50) Acenaphthene	14.73	153	39547	19.19 ng/ul	89
51) 2,4-Dinitrophenol	14.81	184	3449	13.20 ng/ul#	80
53) 4-Nitrophenol	15.11	109	6284m	15.49 ng/ul	
54) Dibenzofuran	15.07	168	57163	19.80 ng/ul	97
55) 2,4-Dinitrotoluene	15.04	165	15765	20.73 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.32	232	7883	16.34 ng/ul#	97
57) Diethylphthalate	15.48	149	52417	19.30 ng/ul	98
59) Fluorene	15.72	166	48965	19.40 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.70	204	25568	19.29 ng/ul	98
61) 4-Nitroaniline	15.76	138	10045	19.97 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	8719	16.73 ng/ul#	89
65) N-Nitrosodiphenylamine	15.92	169	44517	19.24 ng/ul	99
66) 4-Bromophenyl-phenylether	16.59	248	16962	19.44 ng/ul	90
67) Hexachlorobenzene	16.72	284	17896	19.45 ng/ul#	83
68) Atrazine	16.86	200	18246	19.55 ng/ul	98
69) Pentachlorophenol	17.09	266	3668	15.07 ng/ul	93
70) Phenanthrene	17.46	178	81795	19.34 ng/ul	99
72) Anthracene	17.54	178	82906	19.26 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	19834	18.97 ng/uL	97
74) Pentachlorobenzene	14.98	250	20275	18.68 ng/uL	92
75) Carbazole	17.83	167	70780	19.01 ng/ul	95
76) Di-n-butylphthalate	18.35	149	93707	19.51 ng/ul	99
77) Fluoranthene	19.45	202	98051	19.21 ng/ul#	94
80) Pyrene	19.82	202	100606	19.63 ng/ul#	94
81) Butylbenzylphthalate	20.68	149	41669	19.25 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.56	252	33851	18.98 ng/ul#	95
83) Benzo(a)anthracene	21.65	228	99904	19.24 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	60298	19.05 ng/ul	99
85) Chrysene	21.72	228	93624	19.04 ng/ul	99
87) Di-n-octyl phthalate	22.72	149	104796	18.80 ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	99349	18.83 ng/ul	98
89) Benzo(k)fluoranthene	23.93	252	100166m	19.33 ng/ul	
91) Benzo(a)pyrene	24.73	252	97159	18.97 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.56	276	108368	18.62 ng/ul	98
93) Dibenzo(a,h)anthracene	28.60	278	91377	18.46 ng/ul#	93
94) Benzo(g,h,i)perylene	29.71	276	89360m	18.67 ng/ul	

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

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