Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG051616\
Data File : BG021901.D
Acq On : 16 May 2016 10:37
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02024

Manual Integrations APPROVED
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5/17/2016 7:18:52 PM

Quant Time: May 17 00:28:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 16 01:27:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	54954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	263687	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	158477	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	346362	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	343124	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	335628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	7965	7.00	ng/uL	0.00
5) Phenol-d5	7.31	99	82836	20.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	39318	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	74784	23.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	73927	21.58	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	39715	22.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	40766	37.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	78926	25.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	98527	29.54	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	237222	21.31	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	329364	20.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	37268	19.53	ng/ul	0.00
58) Fluorene-d10	15.78	176	225456	19.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	31892	33.24	ng/ul	0.00
71) Anthracene-d10	17.63	188	324137	19.23	ng/ul	0.00
77) Pyrene-d10	19.91	212	335492	20.89	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	313523	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	13719	6.50	ng/uL#	70
4) Benzaldehyde	7.30	77	45480m	102.60	ng/ul	
6) Phenol	7.34	94	87030	20.07	ng/ul#	72
8) Bis(2-Chloroethyl)ether	7.57	93	64174	18.18	ng/ul#	76
10) 2-Chlorophenol	7.73	128	76315	23.92	ng/ul#	73
11) 2-Methylphenol	8.60	108	70678	20.72	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.70	45	59172	19.09	ng/ul#	87
14) Acetophenone	8.99	105	106367	18.85	ng/ul#	68
15) N-Nitroso-di-n-propylamine	8.97	70	47644	18.69	ng/ul#	72
16) 4-Methylphenol	8.93	108	78367	20.81	ng/ul	89
17) Hexachloroethane	9.25	117	27363	19.36	ng/ul	97
20) Nitrobenzene	9.38	77	67902	20.26	ng/ul#	66
21) Isophorone	9.90	82	146605	18.83	ng/ul#	85
23) 2-Nitrophenol	10.09	139	42849	32.44	ng/ul#	56
24) 2,4-Dimethylphenol	10.14	107	76183	23.04	ng/ul#	66
25) Bis(2-Chloroethoxy)methane	10.38	93	92004	19.69	ng/ul#	98
27) 2,4-Dichlorophenol	10.63	162	78658	24.93	ng/ul#	93
28) Naphthalene	11.03	128	268766	20.32	ng/ul	98
30) 4-Chloroaniline	11.14	127	99869	29.58	ng/ul	98
31) Hexachlorobutadiene	11.31	225	43999	20.66	ng/ul	92
32) Caprolactam	11.89	113	29603m	22.19	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	74149	23.25	ng/ul#	68
34) 2-Methylnaphthalene	12.63	142	197883	20.33	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	196676	20.37 ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	99145	22.56 ng/ul#	87
38) Hexachlorocyclopentadiene	12.97	237	41962	18.78 ng/ul#	98
39) 2,4,6-Trichlorophenol	13.23	196	63194	30.12 ng/ul	97
40) 2,4,5-Trichlorophenol	13.30	196	70315	23.93 ng/ul	96
41) 1,1'-Biphenyl	13.63	154	258361	20.93 ng/ul#	95
42) 2-Chloronaphthalene	13.67	162	196081	20.95 ng/ul	95
43) 2-Nitroaniline	13.87	65	33007	21.43 ng/ul#	17
45) Dimethylphthalate	14.23	163	234205	20.65 ng/ul	99
46) 2,6-Dinitrotoluene	14.36	165	52824	23.61 ng/ul#	63
48) Acenaphthylene	14.51	152	339750	20.95 ng/ul	99
49) 3-Nitroaniline	14.69	138	56043	22.09 ng/ul#	55
50) Acenaphthene	14.85	153	226736	20.15 ng/ul	97
51) 2,4-Dinitrophenol	14.90	184	19095	37.64 ng/ul#	47
53) 4-Nitrophenol	14.99	109	17466	20.09 ng/ul#	33
54) Dibenzofuran	15.18	168	302993m	20.08 ng/ul	
55) 2,4-Dinitrotoluene	15.15	165	69188	22.34 ng/ul#	52
56) 2,3,4,6-Tetrachlorophenol	15.41	232	60655	29.24 ng/ul#	85
57) Diethylphthalate	15.59	149	238764	21.60 ng/ul	97
59) Fluorene	15.83	166	259820	19.92 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.82	204	119769	20.34 ng/ul	89
61) 4-Nitroaniline	15.85	138	50168	17.31 ng/ul#	45
64) 4,6-Dinitro-2-methylphenol	15.90	198	34934	33.40 ng/ul#	79
65) N-Nitrosodiphenylamine	16.03	169	212583	21.02 ng/ul	93
66) 4-Bromophenyl-phenylether	16.72	248	76370	21.06 ng/ul#	79
67) Hexachlorobenzene	16.83	284	91295	21.85 ng/ul#	78
68) Atrazine	16.97	200	74137	25.51 ng/ul#	91
69) Pentachlorophenol	17.18	266	46564	29.16 ng/ul	95
70) Phenanthrene	17.57	178	386970	20.44 ng/ul	96
72) Anthracene	17.67	178	391753	20.37 ng/ul	99
73) Carbazole	17.93	167	344496	20.66 ng/ul#	95
74) Di-n-butylphthalate	18.48	149	414987	27.38 ng/ul#	96
75) Fluoranthene	19.57	202	425076	19.76 ng/ul#	94
78) Pyrene	19.94	202	430795m	21.70 ng/ul	
79) Butylbenzylphthalate	20.80	149	177388	40.42 ng/ul#	77
80) 3,3'-Dichlorobenzidine	21.70	252	140947	24.86 ng/ul	100
81) Benzo(a)anthracene	21.80	228	390381	20.44 ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.68	149	261697	36.53 ng/ul	97
83) Chrysene	21.86	228	389492	20.62 ng/ul	99
85) Di-n-octyl phthalate	22.93	149	438958	31.72 ng/ul	100
86) Benzo(b)fluoranthene	24.08	252	401813	20.92 ng/ul#	97
87) Benzo(k)fluoranthene	24.15	252	379072	18.43 ng/ul#	95
89) Benzo(a)pyrene	24.99	252	381196	19.93 ng/ul#	95
90) Indeno(1,2,3-cd)pyrene	28.95	276	466579	20.59 ng/ul#	96
91) Dibenzo(a,h)anthracene	29.03	278	377388	20.01 ng/ul#	95
92) Benzo(g,h,i)perylene	30.15	276	367185	19.63 ng/ul#	91

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

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