Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
Data File : BG021849.D
Acq On : 11 May 2016 18:19
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02017

Manual Integrations APPROVED
sohil
5/12/2016 7:30:42 PM

Quant Time: May 12 07:16:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 04:46:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	56994	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	307548	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	187451	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	388015	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	380343	20.00	ng/ul	0.00
84) Perylene-d12	25.18	264	365615	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	7719	6.54	ng/uL	0.00
5) Phenol-d5	7.33	99	89639	21.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	43911	20.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	80864	24.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	82628	23.26	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	43680	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	44753	35.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	88818	24.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	116277m	29.89	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	274298	20.83	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	376895	20.16	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	48066	21.30	ng/ul	0.00
58) Fluorene-d10	15.79	176	261451	18.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	33969	31.60	ng/ul	0.00
71) Anthracene-d10	17.65	188	363839	19.26	ng/ul	0.00
77) Pyrene-d10	19.92	212	370434	20.81	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	346554	19.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	13522	6.18	ng/uL#	66
4) Benzaldehyde	7.32	77	48856m	106.27	ng/ul	
6) Phenol	7.35	94	92291	20.52	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.59	93	71135	19.43	ng/ul#	77
10) 2-Chlorophenol	7.74	128	83019	25.09	ng/ul#	74
11) 2-Methylphenol	8.62	108	78534	22.20	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.71	45	69640	21.67	ng/ul#	84
14) Acetophenone	9.00	105	119369	20.40	ng/ul#	68
15) N-Nitroso-di-n-propylamine	8.99	70	56167	21.24	ng/ul#	77
16) 4-Methylphenol	8.95	108	89364	22.88	ng/ul	90
17) Hexachloroethane	9.27	117	30428	20.76	ng/ul	91
20) Nitrobenzene	9.39	77	76639	19.61	ng/ul#	69
21) Isophorone	9.92	82	178094	19.62	ng/ul#	86
23) 2-Nitrophenol	10.11	139	47189	30.63	ng/ul#	59
24) 2,4-Dimethylphenol	10.16	107	88098	22.85	ng/ul#	71
25) Bis(2-Chloroethoxy)methane	10.39	93	107935	19.80	ng/ul#	98
27) 2,4-Dichlorophenol	10.64	162	87213	23.70	ng/ul	90
28) Naphthalene	11.05	128	306593	19.88	ng/ul	98
30) 4-Chloroaniline	11.15	127	116341	29.54	ng/ul	99
31) Hexachlorobutadiene	11.33	225	48881	19.68	ng/ul	97
32) Caprolactam	11.91	113	33081	21.26	ng/ul#	42
33) 4-Chloro-3-methylphenol	12.26	107	87427	23.50	ng/ul#	69
34) 2-Methylnaphthalene	12.64	142	226496	19.95	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	227603	20.21 ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	112350	21.61 ng/ul#	88
38) Hexachlorocyclopentadiene	12.98	237	56576	21.41 ng/ul#	90
39) 2,4,6-Trichlorophenol	13.24	196	73588	29.65 ng/ul	94
40) 2,4,5-Trichlorophenol	13.32	196	80705	23.22 ng/ul	96
41) 1,1'-Biphenyl	13.64	154	294059	20.14 ng/ul	96
42) 2-Chloronaphthalene	13.69	162	227556	20.55 ng/ul	95
43) 2-Nitroaniline	13.89	65	40960m	22.48 ng/ul	
45) Dimethylphthalate	14.25	163	274302	20.45 ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	59580	22.51 ng/ul#	64
48) Acenaphthylene	14.53	152	390156	20.34 ng/ul	98
49) 3-Nitroaniline	14.71	138	62859	20.95 ng/ul#	67
50) Acenaphthene	14.87	153	260116	19.55 ng/ul	96
51) 2,4-Dinitrophenol	14.91	184	21593m	35.98 ng/ul	
53) 4-Nitrophenol	15.01	109	21853	21.25 ng/ul#	25
54) Dibenzofuran	15.20	168	344002	19.28 ng/ul#	82
55) 2,4-Dinitrotoluene	15.16	165	78688	21.48 ng/ul#	56
56) 2,3,4,6-Tetrachlorophenol	15.42	232	67435	27.48 ng/ul#	86
57) Diethylphthalate	15.60	149	275103	21.04 ng/ul	99
59) Fluorene	15.85	166	289355	18.75 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.84	204	138439	19.88 ng/ul#	85
61) 4-Nitroaniline	15.87	138	61324	17.89 ng/ul#	47
64) 4,6-Dinitro-2-methylphenol	15.92	198	37505	32.01 ng/ul#	79
65) N-Nitrosodiphenylamine	16.05	169	243906	21.53 ng/ul	92
66) 4-Bromophenyl-phenylether	16.73	248	83678m	20.60 ng/ul	
67) Hexachlorobenzene	16.85	284	99615	21.28 ng/ul#	83
68) Atrazine	16.99	200	82883	25.46 ng/ul	94
69) Pentachlorophenol	17.19	266	52976	29.62 ng/ul	94
70) Phenanthrene	17.59	178	432133	20.37 ng/ul	97
72) Anthracene	17.68	178	433892	20.14 ng/ul	99
73) Carbazole	17.95	167	385808	20.65 ng/ul#	95
74) Di-n-butylphthalate	18.49	149	466472	27.48 ng/ul#	96
75) Fluoranthene	19.59	202	459924	19.08 ng/ul#	94
78) Pyrene	19.95	202	464482m	21.11 ng/ul	
79) Butylbenzylphthalate	20.83	149	197599	40.62 ng/ul#	76
80) 3,3'-Dichlorobenzidine	21.72	252	159540	25.39 ng/ul	97
81) Benzo(a)anthracene	21.81	228	435734	20.59 ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	296834	37.38 ng/ul	95
83) Chrysene	21.88	228	427594	20.42 ng/ul	97
85) Di-n-octyl phthalate	22.96	149	499460	33.14 ng/ul	100
86) Benzo(b)fluoranthene	24.11	252	443820	21.21 ng/ul#	95
87) Benzo(k)fluoranthene	24.17	252	423226	18.89 ng/ul#	96
89) Benzo(a)pyrene	25.02	252	423036	20.31 ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	29.01	276	516174m	20.91 ng/ul	
91) Dibenzo(a,h)anthracene	29.07	278	426388	20.75 ng/ul#	96
92) Benzo(g,h,i)perylene	30.20	276	416004	20.41 ng/ul#	90

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

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