Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025192.D
Acq On : 15 Dec 2016 1:33
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
sohil
12/15/2016 5:44:29 PM

Quant Time: Dec 15 05:00:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 03:57:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	107325	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	482557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	399647	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	862143	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1035771	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1044001	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	14700	7.07	ng/uL	0.00
5) Phenol-d5	7.39	99	188829	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	118209	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	131372	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	155637	20.11	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	72792	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	85969	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	168754	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	189653	23.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	532084	19.36	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	625026	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	83980	17.78	ng/ul	0.00
57) Fluorene-d10	15.85	176	510547	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	105577	19.81	ng/ul	0.00
70) Anthracene-d10	17.70	188	733370	20.15	ng/ul	0.00
76) Pyrene-d10	19.97	212	871888	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	871379	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	17534	6.48	ng/uL	97
4) Benzaldehyde	7.37	77	146130	20.97	ng/ul	98
6) Phenol	7.42	94	196379	20.66	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.64	93	138600	19.93	ng/ul#	92
10) 2-Chlorophenol	7.80	128	132188	20.31	ng/ul	97
11) 2-Methylphenol	8.68	108	143230	20.47	ng/ul	82
12) 2,2'-oxybis(1-Chloropropan	8.76	45	266457	22.53	ng/ul	97
14) Acetophenone	9.07	105	237839	20.20	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.04	70	144320	21.22	ng/ul	91
16) 4-Methylphenol	9.00	108	160263	20.59	ng/ul	97
17) Hexachloroethane	9.32	117	60854	21.10	ng/ul	98
20) Nitrobenzene	9.46	77	219107	20.87	ng/ul	98
21) Isophorone	9.97	82	392807	19.77	ng/ul	98
23) 2-Nitrophenol	10.17	139	86456	20.01	ng/ul#	83
24) 2,4-Dimethylphenol	10.22	107	200017	20.24	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.45	93	201483	19.90	ng/ul	93
27) 2,4-Dichlorophenol	10.71	162	161906	20.35	ng/ul	93
28) Naphthalene	11.12	128	445159	19.85	ng/ul	97
30) 4-Chloroaniline	11.23	127	190562	23.15	ng/ul	90
31) Hexachlorobutadiene	11.38	225	131356	19.21	ng/ul	94
32) Caprolactam	11.99	113	62454m	18.91	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	199394	20.34	ng/ul	99
34) 2-Methylnaphthalene	12.70	142	360797	20.38	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	250547	20.80	ng/ul	94
37) Hexachlorocyclopentadiene	13.03	237	132368	18.72	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.30	196	154901	20.47	ng/ul	86
39) 2,4,5-Trichlorophenol	13.38	196	165372	19.94	ng/ul	97
40) 1,1'-Biphenyl	13.69	154	499470	20.61	ng/ul	97
41) 2-Chloronaphthalene	13.74	162	401258	20.80	ng/ul	99
42) 2-Nitroaniline	13.95	65	175098	23.19	ng/ul	90
44) Dimethylphthalate	14.30	163	528883	19.58	ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	116433	20.06	ng/ul	97
47) Acenaphthylene	14.58	152	600075	20.50	ng/ul	98
48) 3-Nitroaniline	14.77	138	110357	21.95	ng/ul#	82
49) Acenaphthene	14.92	153	421314	21.01	ng/ul	98
50) 2,4-Dinitrophenol	14.98	184	68509	18.16	ng/ul	96
52) 4-Nitrophenol	15.08	109	108511	19.10	ng/ul	95
53) Dibenzofuran	15.25	168	639079	20.15	ng/ul	99
54) 2,4-Dinitrotoluene	15.22	165	168632	19.28	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.48	232	165097	18.84	ng/ul#	94
56) Diethylphthalate	15.65	149	544716	19.04	ng/ul	98
58) Fluorene	15.90	166	521324	20.19	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.88	204	284284	19.55	ng/ul	94
60) 4-Nitroaniline	15.93	138	111017	18.31	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.99	198	108607	19.67	ng/ul#	96
64) N-Nitrosodiphenylamine	16.10	169	469746	21.18	ng/ul	95
65) 4-Bromophenyl-phenylether	16.77	248	202344	20.78	ng/ul	90
66) Hexachlorobenzene	16.90	284	230376	21.01	ng/ul	96
67) Atrazine	17.03	200	209678	19.89	ng/ul	99
68) Pentachlorophenol	17.25	266	118424	17.99	ng/ul	94
69) Phenanthrene	17.64	178	837905	20.36	ng/ul	97
71) Anthracene	17.74	178	859519	20.32	ng/ul	97
72) Carbazole	18.01	167	733144	20.77	ng/ul	98
73) Di-n-butylphthalate	18.53	149	889060	19.95	ng/ul	98
74) Fluoranthene	19.64	202	1026644	21.00	ng/ul	99
77) Pyrene	20.00	202	1018721	20.46	ng/ul	99
78) Butylbenzylphthalate	20.85	149	428249	21.97	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.78	252	409715	22.69	ng/ul	97
80) Benzo(a)anthracene	21.87	228	1099686	20.44	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	570410	21.26	ng/ul	98
82) Chrysene	21.95	228	1019620	20.26	ng/ul	98
84) Di-n-octyl phthalate	22.99	149	982325	23.18	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1068959	20.65	ng/ul	99
86) Benzo(k)fluoranthene	24.29	252	1011427	20.55	ng/ul	96
88) Benzo(a)pyrene	25.15	252	1030679	20.71	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.26	276	1221371m	19.74	ng/ul	
90) Dibenzo(a,h)anthracene	29.30	278	1028567m	19.73	ng/ul	
91) Benzo(g,h,i)perylene	30.49	276	966236m	18.72	ng/ul	

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

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