Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022100.D
Acq On : 27 May 2016 3:53
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
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5/27/2016 7:41:26 PM

Quant Time: May 27 06:02:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 05:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	50641	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	258476	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	143387	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	277226	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	228481	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	226767	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	6541	6.73	ng/uL	0.00
5) Phenol-d5	7.32	99	82532	18.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	42245	17.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	73007	19.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	73760	19.01	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	37251	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	41514	20.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	74409	20.43	ng/ul	0.02
29) 4-Chloroaniline-d4	11.12	131	87213	21.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	206242	19.15	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	286525	19.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	33649	18.14	ng/ul	0.02
57) Fluorene-d10	15.78	176	188451	18.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	21130	14.58	ng/ul	0.00
70) Anthracene-d10	17.63	188	249778	18.77	ng/ul	0.00
76) Pyrene-d10	19.91	212	229589	17.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.92	264	198591	18.87	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	10936	6.21	ng/uL#	95
4) Benzaldehyde	7.29	77	33368m	13.23	ng/ul	
6) Phenol	7.35	94	82258	17.85	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.57	93	61989	18.41	ng/ul	91
10) 2-Chlorophenol	7.72	128	71817	19.05	ng/ul	94
11) 2-Methylphenol	8.61	108	68724	18.67	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.68	45	68966	17.15	ng/ul	96
14) Acetophenone	8.98	105	102690	18.92	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.96	70	49671	17.73	ng/ul#	95
16) 4-Methylphenol	8.94	108	74161	18.69	ng/ul	96
17) Hexachloroethane	9.24	117	26865	17.88	ng/ul	87
20) Nitrobenzene	9.37	77	71982	18.66	ng/ul	94
21) Isophorone	9.89	82	149487	18.17	ng/ul	97
23) 2-Nitrophenol	10.08	139	44279	20.51	ng/ul	94
24) 2,4-Dimethylphenol	10.14	107	78839	18.92	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.37	93	89062	18.87	ng/ul	98
27) 2,4-Dichlorophenol	10.63	162	72448	20.26	ng/ul	96
28) Naphthalene	11.03	128	250042	19.08	ng/ul	99
30) 4-Chloroaniline	11.13	127	84475	21.19	ng/ul	96
31) Hexachlorobutadiene	11.30	225	41282	19.59	ng/ul	99
32) Caprolactam	11.90	113	27073	18.90	ng/ul	94
33) 4-Chloro-3-methylphenol	12.26	107	75004	19.70	ng/ul	98
34) 2-Methylnaphthalene	12.63	142	181005	19.32	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	82823	19.47 ng/ul	96
37) Hexachlorocyclopentadiene	12.96	237	25239	13.78 ng/ul	100
38) 2,4,6-Trichlorophenol	13.23	196	57161	19.90 ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	61565	20.20 ng/ul	95
40) 1,1'-Biphenyl	13.62	154	228913	19.39 ng/ul	98
41) 2-Chloronaphthalene	13.67	162	173712	19.16 ng/ul	99
42) 2-Nitroaniline	13.87	65	38554	18.86 ng/ul	93
44) Dimethylphthalate	14.23	163	209303	19.34 ng/ul	98
45) 2,6-Dinitrotoluene	14.36	165	46402	19.99 ng/ul	91
47) Acenaphthylene	14.51	152	288412	18.83 ng/ul	100
48) 3-Nitroaniline	14.70	138	40941	18.41 ng/ul	95
49) Acenaphthene	14.85	153	197069	18.62 ng/ul	100
50) 2,4-Dinitrophenol	14.91	184	10373	11.54 ng/ul#	87
52) 4-Nitrophenol	15.02	109	18850	18.03 ng/ul	91
53) Dibenzofuran	15.18	168	251631	19.23 ng/ul	98
54) 2,4-Dinitrotoluene	15.15	165	61535	19.66 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.41	232	46745	19.39 ng/ul	96
56) Diethylphthalate	15.58	149	211256	18.81 ng/ul	99
58) Fluorene	15.83	166	205339	18.59 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.81	204	97005	19.50 ng/ul	95
60) 4-Nitroaniline	15.85	138	43614	17.86 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.92	198	21169	14.12 ng/ul#	96
64) N-Nitrosodiphenylamine	16.03	169	172154	19.64 ng/ul	99
65) 4-Bromophenyl-phenylether	16.70	248	56963	20.33 ng/ul	91
66) Hexachlorobenzene	16.83	284	62972	19.36 ng/ul	96
67) Atrazine	16.97	200	59925	19.85 ng/ul	96
68) Pentachlorophenol	17.19	266	25979	15.34 ng/ul	98
69) Phenanthrene	17.57	178	292409	18.96 ng/ul	99
71) Anthracene	17.66	178	291227	18.65 ng/ul	100
72) Carbazole	17.93	167	265237	19.59 ng/ul	100
73) Di-n-butylphthalate	18.47	149	326625	18.01 ng/ul	99
74) Fluoranthene	19.57	202	284276	18.04 ng/ul	98
77) Pyrene	19.94	202	280628	17.46 ng/ul	97
78) Butylbenzylphthalate	20.79	149	129878	17.05 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.70	252	69916	16.28 ng/ul	99
80) Benzo(a)anthracene	21.79	228	246575	18.40 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	185154	17.08 ng/ul#	98
82) Chrysene	21.86	228	236861	18.43 ng/ul	99
84) Di-n-octyl phthalate	22.91	149	318457	17.24 ng/ul	100
85) Benzo(b)fluoranthene	24.08	252	237150	17.87 ng/ul	99
86) Benzo(k)fluoranthene	24.15	252	236207	18.29 ng/ul	95
88) Benzo(a)pyrene	24.99	252	239555	18.71 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.98	276	240397	16.38 ng/ul	97
90) Dibenzo(a,h)anthracene	29.04	278	222470m	18.11 ng/ul	
91) Benzo(g,h,i)perylene	30.17	276	204924m	17.43 ng/ul	

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

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