Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
Data File : BG023630.D
Acq On : 11 Aug 2016 20:15
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
sohil
8/12/2016 5:55:50 PM

Quant Time: Aug 12 04:32:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 03:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	141711	20.00	ng/ul	0.01
18) Naphthalene-d8	10.96	136	627033	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.79	164	449585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1173322	20.00	ng/ul	0.01
75) Chrysene-d12	21.88	240	1143768	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	1126000	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	25803	7.74	ng/uL	0.00
5) Phenol-d5	7.29	99	276418	19.36	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.44	67	182879	19.99	ng/ul	0.02
9) 2-Chlorophenol-d4	7.66	132	193932	19.91	ng/ul	0.02
13) 4-Methylphenol-d8	8.84	113	218945	19.65	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	98425	19.91	ng/ul	0.02
22) 2-Nitrophenol-d4	10.04	143	116705	20.56	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.58	165	225368	21.05	ng/ul	0.01
29) 4-Chloroaniline-d4	11.10	131	290742	23.14	ng/ul	0.02
43) Dimethylphthalate-d6	14.19	166	765203	20.79	ng/ul	0.01
46) Acenaphthylene-d8	14.49	160	883009	21.31	ng/ul	0.01
51) 4-Nitrophenol-d4	15.01	143	136755	21.76	ng/ul	0.00
57) Fluorene-d10	15.79	176	700105	20.58	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	149895	19.91	ng/ul	0.00
70) Anthracene-d10	17.66	188	1115572	21.10	ng/ul	0.01
76) Pyrene-d10	19.95	212	1218907	21.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	1074961	21.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	24517	7.01	ng/uL#	68
4) Benzaldehyde	7.26	77	193637	22.25	ng/ul	89
6) Phenol	7.32	94	286778	19.29	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.54	93	215379	19.96	ng/ul#	86
10) 2-Chlorophenol	7.69	128	197050	19.87	ng/ul#	86
11) 2-Methylphenol	8.58	108	217042	19.39	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.66	45	305208	20.67	ng/ul	97
14) Acetophenone	8.96	105	347172	19.42	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.94	70	208391	19.38	ng/ul#	84
16) 4-Methylphenol	8.91	108	236088	18.81	ng/ul	96
17) Hexachloroethane	9.22	117	83732	19.56	ng/ul	89
20) Nitrobenzene	9.35	77	287971	19.88	ng/ul#	85
21) Isophorone	9.87	82	554070	20.79	ng/ul#	92
23) 2-Nitrophenol	10.07	139	129657	21.16	ng/ul#	65
24) 2,4-Dimethylphenol	10.12	107	272816	20.29	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.35	93	321510	20.92	ng/ul#	96
27) 2,4-Dichlorophenol	10.61	162	225025	20.84	ng/ul	99
28) Naphthalene	11.02	128	647251	20.33	ng/ul	98
30) 4-Chloroaniline	11.13	127	278857	22.37	ng/ul	95
31) Hexachlorobutadiene	11.29	225	151069	21.01	ng/ul	96
32) Caprolactam	11.89	113	88873m	19.82	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	286213	20.60	ng/ul	89
34) 2-Methylnaphthalene	12.62	142	527337	20.43	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	293223	21.24	ng/ul	98
37) Hexachlorocyclopentadiene	12.96	237	140300	18.38	ng/ul	98
38) 2,4,6-Trichlorophenol	13.23	196	207350	21.69	ng/ul	99
39) 2,4,5-Trichlorophenol	13.31	196	214602	20.94	ng/ul	95
40) 1,1'-Biphenyl	13.62	154	709739	21.48	ng/ul	96
41) 2-Chloronaphthalene	13.67	162	550735	21.44	ng/ul	98
42) 2-Nitroaniline	13.88	65	229701	21.90	ng/ul#	68
44) Dimethylphthalate	14.24	163	752403	20.64	ng/ul	100
45) 2,6-Dinitrotoluene	14.37	165	167567	21.20	ng/ul#	85
47) Acenaphthylene	14.52	152	931122	21.49	ng/ul	99
48) 3-Nitroaniline	14.71	138	176431	23.75	ng/ul#	57
49) Acenaphthene	14.86	153	627976	21.27	ng/ul	96
50) 2,4-Dinitrophenol	14.92	184	94868m	19.45	ng/ul	
52) 4-Nitrophenol	15.02	109	122441	19.45	ng/ul#	74
53) Dibenzofuran	15.19	168	912913	20.87	ng/ul	90
54) 2,4-Dinitrotoluene	15.16	165	262432	21.92	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.42	232	223282	21.21	ng/ul	99
56) Diethylphthalate	15.60	149	795923	20.89	ng/ul	96
58) Fluorene	15.85	166	757411	20.78	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.83	204	378971	20.67	ng/ul	96
60) 4-Nitroaniline	15.87	138	192047m	22.29	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.93	198	154317	19.53	ng/ul#	84
64) N-Nitrosodiphenylamine	16.05	169	703543	21.46	ng/ul	98
65) 4-Bromophenyl-phenylether	16.73	248	270804	20.13	ng/ul	95
66) Hexachlorobenzene	16.86	284	296188	20.66	ng/ul	96
67) Atrazine	17.00	200	295452	21.81	ng/ul	95
68) Pentachlorophenol	17.21	266	152205	19.24	ng/ul	92
69) Phenanthrene	17.60	178	1261103	20.75	ng/ul	97
71) Anthracene	17.70	178	1316731	21.24	ng/ul	97
72) Carbazole	17.97	167	1161390	23.24	ng/ul#	97
73) Di-n-butylphthalate	18.51	149	1395196	22.30	ng/ul#	96
74) Fluoranthene	19.61	202	1486661	23.90	ng/ul	96
77) Pyrene	19.98	202	1469953	20.79	ng/ul	96
78) Butylbenzylphthalate	20.85	149	631079	23.27	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.77	252	460002	22.83	ng/ul#	95
80) Benzo(a)anthracene	21.85	228	1368601	21.25	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	851156	23.60	ng/ul#	97
82) Chrysene	21.93	228	1254624	21.42	ng/ul	94
84) Di-n-octyl phthalate	23.01	149	1403863	24.69	ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	1367098	21.35	ng/ul#	96
86) Benzo(k)fluoranthene	24.26	252	1287092	20.41	ng/ul#	91
88) Benzo(a)pyrene	25.12	252	1308778m	21.16	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.17	276	1504223	20.70	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.24	278	1291018	20.83	ng/ul#	91
91) Benzo(g,h,i)perylene	30.39	276	1240681m	20.60	ng/ul	

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

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