Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023881.D
Acq On : 24 Aug 2016 9:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/25/2016 6:18:51 PM

Quant Time: Aug 24 17:42:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	135561	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	562075	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	335435	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	737538	20.00	ng		0.00
75) Chrysene-d12	21.85	240	788398	20.00	ng		0.00
86) Perylene-d12	25.22	264	790347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	622400	77.28	ng		0.00
7) Phenol-d6	7.25	99	900231	71.77	ng		0.00
23) Nitrobenzene-d5	9.28	82	937056	82.88	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	314362	64.07	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	1708268	85.90	ng		0.00
78) Terphenyl-d14	20.14	244	2188822	87.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	137724	40.14	ng		91
3) Pyridine	3.91	79	429785	38.12	ng		94
4) n-Nitrosodimethylamine	3.83	42	188198	45.02	ng	#	85
6) Aniline	7.42	93	592064	32.67	ng		97
8) 2-Chlorophenol	7.66	128	358589	38.76	ng		98
9) Benzaldehyde	7.23	77	321377	47.22	ng		99
10) Phenol	7.28	94	491039	36.59	ng		85
11) bis(2-Chloroethyl)ether	7.51	93	395020	36.90	ng		91
12) 1,3-Dichlorobenzene	7.98	146	415239	39.20	ng		96
13) 1,4-Dichlorobenzene	8.13	146	424694	39.17	ng		97
14) 1,2-Dichlorobenzene	8.45	146	393281	36.97	ng		95
15) Benzyl Alcohol	8.34	79	379723	39.95	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	602082	38.25	ng		88
17) 2-Methylphenol	8.55	107	322628	35.86	ng		89
18) Hexachloroethane	9.19	117	167253	40.98	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	364247	33.76	ng		99
20) 3+4-Methylphenols	8.88	107	446088	35.17	ng		91
22) Acetophenone	8.93	105	598737	38.90	ng	#	93
24) Nitrobenzene	9.32	77	540652	43.18	ng	#	91
25) Isophorone	9.84	82	934783	39.69	ng	#	96
26) 2-Nitrophenol	10.04	139	217161	41.10	ng	#	82
27) 2,4-Dimethylphenol	10.09	122	351990	39.12	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	494994	34.97	ng		100
29) 2,4-Dichlorophenol	10.58	162	355349	39.28	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	392530	40.23	ng		97
31) Naphthalene	10.98	128	1105418	38.62	ng		100
32) Benzoic acid	10.27	122	253016	32.89	ng	#	90
33) 4-Chloroaniline	11.10	127	462982	33.84	ng		92
34) Hexachlorobutadiene	11.26	225	278173	43.35	ng		96
35) Caprolactam	11.88	113	120925	31.77	ng		95
36) 4-Chloro-3-methylphenol	12.22	107	418572	35.22	ng		93
37) 2-Methylnaphthalene	12.59	142	782084m	35.94	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	520702	42.81	ng		99
40) Hexachlorocyclopentadiene	12.93	237	218471	35.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	286691	39.57	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	289987	38.87	ng	#	95
45) 1,1'-Biphenyl	13.59	154	1055258	41.15	ng		96
46) 2-Chloronaphthalene	13.64	162	812679	40.97	ng		95
47) 2-Nitroaniline	13.85	65	322547	39.16	ng		88
48) Acenaphthylene	14.49	152	1269160	40.47	ng		99
49) Dimethylphthalate	14.22	163	1035306	40.23	ng		98
50) 2,6-Dinitrotoluene	14.35	165	230990	37.90	ng		87
51) Acenaphthene	14.83	154	793886	39.96	ng		97
52) 3-Nitroaniline	14.68	138	232657	33.85	ng		86
53) 2,4-Dinitrophenol	14.90	184	150194	38.44	ng		88
54) Dibenzofuran	15.17	168	1134237	39.33	ng		97
55) 4-Nitrophenol	15.00	139	163281	30.25	ng	#	89
56) 2,4-Dinitrotoluene	15.14	165	328784	38.44	ng		97
57) Fluorene	15.82	166	981345	38.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	248426	36.29	ng		94
59) Diethylphthalate	15.57	149	1043549	39.94	ng		100
60) 4-Chlorophenyl-phenylether	15.80	204	511200	38.38	ng		97
61) 4-Nitroaniline	15.85	138	250868	34.29	ng	#	71
62) Azobenzene	16.10	77	1044145	39.43	ng		91
64) 4,6-Dinitro-2-methylphenol	15.91	198	185688	37.03	ng		94
65) n-Nitrosodiphenylamine	16.03	169	876966	40.54	ng		97
66) 4-Bromophenyl-phenylether	16.71	248	347434	40.42	ng		97
67) Hexachlorobenzene	16.83	284	364129	38.72	ng		96
68) Atrazine	16.97	200	341118	41.07	ng		95
69) Pentachlorophenol	17.18	266	175794	32.06	ng		95
70) Phenanthrene	17.57	178	1516202	40.51	ng		98
71) Anthracene	17.66	178	1538114	40.86	ng		100
72) Carbazole	17.94	167	1391328	42.09	ng		98
73) Di-n-butylphthalate	18.47	149	1723767	52.75	ng		97
74) Fluoranthene	19.59	202	1779192	51.87	ng		96
76) Benzidine	19.77	184	984477	44.92	ng		100
77) Pyrene	19.95	202	1791916	38.95	ng		98
79) Butylbenzylphthalate	20.82	149	829782	43.71	ng		92
80) Benzo(a)anthracene	21.82	228	1745949	40.12	ng		97
81) 3,3'-Dichlorobenzidine	21.74	252	683712	38.30	ng	#	98
82) Chrysene	21.89	228	1664279	40.19	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1158692	44.57	ng	#	99
84) Di-n-octyl phthalate	22.96	149	1924963	43.38	ng		100
85) Indeno(1,2,3-cd)pyrene	29.11	276	2041270	39.45	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	1785499	40.15	ng	#	97
88) Benzo(k)fluoranthene	24.22	252	1711051	40.06	ng	#	97
89) Benzo(a)pyrene	25.07	252	1728298	40.87	ng	#	95
90) Dibenzo(a,h)anthracene	29.17	278	1713092	39.65	ng	#	91
91) Benzo(g,h,i)perylene	30.32	276	1679433	38.60	ng	#	90

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

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