Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032461.D
Acq On : 31 Jan 2018 12:19
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/1/2018 6:01:50 PM

Quant Time: Jan 31 16:39:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	24735	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	104288	20.00	ng		0.00
38) Acenaphthene-d10	15.35	164	71125	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	189719	20.00	ng		0.00
75) Chrysene-d12	22.41	240	240054	20.00	ng		0.00
86) Perylene-d12	26.08	264	259983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	105735	85.86	ng		0.00
7) Phenol-d6	7.84	99	134748	82.00	ng		0.00
23) Nitrobenzene-d5	9.91	82	130938	78.42	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	113645	83.94	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	489205	81.75	ng		-0.01
78) Terphenyl-d14	20.62	244	865751	77.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	18543	44.754	ng	#	71
3) Pyridine	4.27	79	48651	43.486	ng	#	82
4) n-Nitrosodimethylamine	4.18	42	22412	38.483	ng	#	71
6) Aniline	8.01	93	81667	39.859	ng		94
8) 2-Chlorophenol	8.27	128	61023	41.920	ng	#	76
9) Benzaldehyde	7.81	77	33084	38.979	ng		84
10) Phenol	7.86	94	65294	41.840	ng		96
11) bis(2-Chloroethyl)ether	8.10	93	47596	40.028	ng	#	83
12) 1,3-Dichlorobenzene	8.60	146	82375	41.844	ng		93
13) 1,4-Dichlorobenzene	8.75	146	79758	40.422	ng		92
14) 1,2-Dichlorobenzene	9.08	146	79921	41.348	ng		96
15) Benzyl Alcohol	8.95	79	53044	39.166	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.24	45	43048	38.206	ng		72
17) 2-Methylphenol	9.16	107	49851	39.331	ng		94
18) Hexachloroethane	9.83	117	26880	40.576	ng	#	69
19) n-Nitroso-di-n-propylamine	9.53	70	42046	38.589	ng	#	87
20) 3+4-Methylphenols	9.49	107	69129	38.883	ng		91
22) Acetophenone	9.56	105	93808	38.373	ng	#	92
24) Nitrobenzene	9.96	77	64076	39.687	ng	#	89
25) Isophorone	10.48	82	112938	39.725	ng	#	85
26) 2-Nitrophenol	10.68	139	39983	40.967	ng	#	87
27) 2,4-Dimethylphenol	10.72	122	55357	39.517	ng		96
28) bis(2-Chloroethoxy)methane	10.96	93	62825	40.298	ng	#	95
29) 2,4-Dichlorophenol	11.23	162	74034	39.895	ng		90
30) 1,2,4-Trichlorobenzene	11.45	180	96678	39.088	ng		95
31) Naphthalene	11.64	128	204947	40.237	ng		99
32) Benzoic acid	10.86	122	44749	43.607	ng	#	78
33) 4-Chloroaniline	11.74	127	85284	37.541	ng		96
34) Hexachlorobutadiene	11.91	225	77478	40.262	ng		96
35) Caprolactam	12.50	113	21671	40.679	ng	#	41
36) 4-Chloro-3-methylphenol	12.82	107	69370	39.409	ng		89
37) 2-Methylnaphthalene	13.21	142	165257	38.619	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	135738	40.793	ng	#	97
40) Hexachlorocyclopentadiene	13.54	237	81564	39.232	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	75578	41.758	ng		94
43) 2,4,5-Trichlorophenol	13.87	196	87228	41.343	ng	#	91
45) 1,1'-Biphenyl	14.19	154	250087	41.619	ng		95
46) 2-Chloronaphthalene	14.24	162	194160	41.225	ng		96
47) 2-Nitroaniline	14.43	65	42619	40.920	ng	#	82
48) Acenaphthylene	15.08	152	296149	41.594	ng		99
49) Dimethylphthalate	14.78	163	267128	40.733	ng		98
50) 2,6-Dinitrotoluene	14.91	165	56438	41.002	ng	#	75
51) Acenaphthene	15.41	154	199155	40.332	ng		98
52) 3-Nitroaniline	15.25	138	49286	40.994	ng	#	76
53) 2,4-Dinitrophenol	15.45	184	24340m	30.980	ng		
54) Dibenzofuran	15.74	168	296963	40.632	ng		98
55) 4-Nitrophenol	15.53	139	34319	38.128	ng	#	82
56) 2,4-Dinitrotoluene	15.69	165	82555	42.124	ng	#	68
57) Fluorene	16.39	166	245733	40.462	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.96	232	84392	40.555	ng	#	87
59) Diethylphthalate	16.12	149	260773	40.827	ng		98
60) 4-Chlorophenyl-phenylether	16.36	204	156669	40.909	ng		93
61) 4-Nitroaniline	16.40	138	50691	39.337	ng		83
62) Azobenzene	16.65	77	154051	40.359	ng		84
64) 4,6-Dinitro-2-methylphenol	16.45	198	50538	35.657	ng	#	68
65) n-Nitrosodiphenylamine	16.57	169	226840	40.065	ng		99
66) 4-Bromophenyl-phenylether	17.26	248	110772	39.411	ng		94
67) Hexachlorobenzene	17.39	284	123924	39.842	ng	#	90
68) Atrazine	17.50	200	98780	40.642	ng		96
69) Pentachlorophenol	17.72	266	73463	37.702	ng		95
70) Phenanthrene	18.12	178	421240	39.814	ng		100
71) Anthracene	18.21	178	420719	39.937	ng		98
72) Carbazole	18.47	167	372552	40.025	ng		99
73) Di-n-butylphthalate	18.98	149	434820	42.193	ng		98
74) Fluoranthene	20.09	202	557203	40.159	ng		95
76) Benzidine	20.25	184	218360	46.325	ng		96
77) Pyrene	20.45	202	571748	38.832	ng		99
79) Butylbenzylphthalate	21.30	149	194816	41.949	ng	#	77
80) Benzo(a)anthracene	22.39	228	595117	39.989	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	230674	40.006	ng	#	97
82) Chrysene	22.46	228	563728	39.224	ng		98
83) Bis(2-ethylhexyl)phthalate	22.23	149	279389	42.428	ng	#	96
84) Di-n-octyl phthalate	23.60	149	443710	42.483	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.34	276	749686	41.234	ng	#	84
87) Benzo(b)fluoranthene	24.91	252	625188	39.799	ng	#	96
88) Benzo(k)fluoranthene	24.98	252	622124	39.979	ng	#	96
89) Benzo(a)pyrene	25.91	252	597356	39.887	ng	#	95
90) Dibenzo(a,h)anthracene	30.42	278	624399	40.757	ng	#	94
91) Benzo(g,h,i)perylene	31.69	276	612298	40.266	ng	#	91

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

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