Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032626.D
Acq On : 9 Feb 2018 2:51
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/9/2018 4:34:29 PM

Quant Time: Feb 09 06:33:57 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	34070	20.00	ng		-0.02
21) Naphthalene-d8	11.57	136	138426	20.00	ng		-0.02
38) Acenaphthene-d10	15.33	164	101656	20.00	ng		-0.02
63) Phenanthrene-d10	18.07	188	256676	20.00	ng		0.00
75) Chrysene-d12	22.40	240	331031	20.00	ng		0.00
86) Perylene-d12	26.07	264	353050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	127585	75.22	ng		-0.02
7) Phenol-d6	7.81	99	173592	76.69	ng		-0.02
23) Nitrobenzene-d5	9.89	82	174915	78.92	ng		-0.02
41) 2,4,6-Tribromophenol	16.81	330	124511m	64.35	ng		0.00
44) 2-Fluorobiphenyl	13.95	172	625196	73.10	ng		-0.02
78) Terphenyl-d14	20.60	244	1078014	69.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	25041	43.877	ng	#	76
3) Pyridine	4.24	79	62935	40.840	ng		91
4) n-Nitrosodimethylamine	4.15	42	32071	39.979	ng	#	75
6) Aniline	7.99	93	103666	36.733	ng		97
8) 2-Chlorophenol	8.24	128	72946	36.381	ng		86
9) Benzaldehyde	7.79	77	33048m	28.268	ng		
10) Phenol	7.84	94	81408	37.873	ng		87
11) bis(2-Chloroethyl)ether	8.08	93	63170	38.570	ng		83
12) 1,3-Dichlorobenzene	8.57	146	99190	36.580	ng		95
13) 1,4-Dichlorobenzene	8.72	146	102026	37.540	ng		96
14) 1,2-Dichlorobenzene	9.05	146	97157	36.493	ng		97
15) Benzyl Alcohol	8.93	79	66105	35.436	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.21	45	66366	42.762	ng		71
17) 2-Methylphenol	9.13	107	57157	32.740	ng	#	87
18) Hexachloroethane	9.81	117	35658	39.078	ng	#	73
19) n-Nitroso-di-n-propylamine	9.50	70	57327	38.198	ng	#	93
20) 3+4-Methylphenols	9.46	107	86606	35.366	ng		93
22) Acetophenone	9.53	105	118683	36.576	ng	#	96
24) Nitrobenzene	9.93	77	87003	40.598	ng		94
25) Isophorone	10.45	82	154785	41.018	ng	#	85
26) 2-Nitrophenol	10.66	139	45350	35.007	ng	#	85
27) 2,4-Dimethylphenol	10.69	122	65713	35.341	ng		98
28) bis(2-Chloroethoxy)methane	10.93	93	78510	37.940	ng	#	92
29) 2,4-Dichlorophenol	11.20	162	94382	38.317	ng		89
30) 1,2,4-Trichlorobenzene	11.42	180	125308	38.169	ng		98
31) Naphthalene	11.62	128	247982	36.679	ng		97
32) Benzoic acid	10.83	122	46873	35.948	ng	#	79
33) 4-Chloroaniline	11.72	127	103316	34.262	ng		98
34) Hexachlorobutadiene	11.89	225	98100	38.407	ng		95
35) Caprolactam	12.47	113	25792	36.475	ng	#	59
36) 4-Chloro-3-methylphenol	12.80	107	85504	36.596	ng	#	87
37) 2-Methylnaphthalene	13.18	142	211020	37.152	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	181031	38.065	ng	#	94
40) Hexachlorocyclopentadiene	13.51	237	112513	37.865	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.77	196	93229	36.040	ng		97
43) 2,4,5-Trichlorophenol	13.85	196	109886	36.440	ng	#	89
45) 1,1'-Biphenyl	14.17	154	316267	36.825	ng		94
46) 2-Chloronaphthalene	14.22	162	243599	36.188	ng		97
47) 2-Nitroaniline	14.41	65	58733	39.455	ng	#	81
48) Acenaphthylene	15.06	152	369938	36.353	ng		98
49) Dimethylphthalate	14.76	163	334777	35.717	ng		98
50) 2,6-Dinitrotoluene	14.89	165	71350	36.268	ng	#	79
51) Acenaphthene	15.39	154	256391	36.329	ng		99
52) 3-Nitroaniline	15.23	138	61881	36.011	ng	#	86
53) 2,4-Dinitrophenol	15.43	184	30996	28.050	ng	#	73
54) Dibenzofuran	15.72	168	378835	36.267	ng		97
55) 4-Nitrophenol	15.52	139	37900	29.461	ng	#	81
56) 2,4-Dinitrotoluene	15.67	165	101657	36.292	ng	#	72
57) Fluorene	16.37	166	308513	35.542	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.94	232	108490	36.477	ng	#	81
59) Diethylphthalate	16.10	149	325495	35.655	ng		95
60) 4-Chlorophenyl-phenylether	16.35	204	202173	36.936	ng		94
61) 4-Nitroaniline	16.39	138	63478	34.466	ng	#	76
62) Azobenzene	16.64	77	206499	37.851	ng		87
64) 4,6-Dinitro-2-methylphenol	16.43	198	70380	36.703	ng		75
65) n-Nitrosodiphenylamine	16.56	169	282502	36.880	ng		98
66) 4-Bromophenyl-phenylether	17.24	248	137171	36.073	ng		98
67) Hexachlorobenzene	17.37	284	147308	35.005	ng	#	93
68) Atrazine	17.48	200	86370	26.266	ng		94
69) Pentachlorophenol	17.71	266	92762	35.188	ng		95
70) Phenanthrene	18.11	178	523522	36.574	ng		99
71) Anthracene	18.20	178	540974	37.956	ng		98
72) Carbazole	18.47	167	462716	36.744	ng		98
73) Di-n-butylphthalate	18.97	149	524019	37.584	ng		99
74) Fluoranthene	20.08	202	706145	37.617	ng		96
76) Benzidine	20.25	184	121357	18.670	ng		98
77) Pyrene	20.43	202	726314	35.773	ng		98
79) Butylbenzylphthalate	21.29	149	243570	38.033	ng	#	79
80) Benzo(a)anthracene	22.38	228	760924	37.078	ng		98
81) 3,3'-Dichlorobenzidine	22.27	252	276948	34.831	ng	#	97
82) Chrysene	22.45	228	742123	37.445	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	348069	38.331	ng	#	99
84) Di-n-octyl phthalate	23.58	149	561724	39.001	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.32	276	899556	35.879	ng	#	86
87) Benzo(b)fluoranthene	24.89	252	775274	36.343	ng	#	96
88) Benzo(k)fluoranthene	24.97	252	795598	37.649	ng	#	95
89) Benzo(a)pyrene	25.90	252	753375	37.044	ng	#	96
90) Dibenzo(a,h)anthracene	30.41	278	749438	36.023	ng	#	95
91) Benzo(g,h,i)perylene	31.67	276	732478	35.471	ng	#	90

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

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