Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031852.D
Acq On : 29 Dec 2017 13:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/2/2018 1:06:27 PM

Quant Time: Dec 29 15:48:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:47:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	50554	20.00	ng		0.00
21) Naphthalene-d8	11.68	136	217385	20.00	ng		0.00
38) Acenaphthene-d10	15.43	164	150139	20.00	ng		0.00
63) Phenanthrene-d10	18.16	188	375766	20.00	ng		0.00
75) Chrysene-d12	22.51	240	408598	20.00	ng		0.00
86) Perylene-d12	26.25	264	441306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	216767	78.10	ng		0.00
7) Phenol-d6	7.89	99	290593	80.64	ng		0.00
23) Nitrobenzene-d5	9.99	82	251699	87.43	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	200147	87.37	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	907399	75.86	ng		0.00
78) Terphenyl-d14	20.69	244	1387860	77.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	39345	38.241	ng	#	67
3) Pyridine	4.32	79	116418	42.331	ng	#	77
4) n-Nitrosodimethylamine	4.23	42	43408	39.114	ng	#	88
6) Aniline	8.08	93	181471	39.141	ng		92
8) 2-Chlorophenol	8.33	128	127681	39.657	ng		83
9) Benzaldehyde	7.89	77	80196m	36.959	ng		
10) Phenol	7.92	94	143048	39.318	ng		88
11) bis(2-Chloroethyl)ether	8.18	93	116926	38.698	ng	#	79
12) 1,3-Dichlorobenzene	8.68	146	155773	38.961	ng	#	92
13) 1,4-Dichlorobenzene	8.83	146	157085	38.461	ng		91
14) 1,2-Dichlorobenzene	9.16	146	151258	39.085	ng		96
15) Benzyl Alcohol	9.02	79	107489	39.734	ng		87
16) 2,2'-oxybis(1-Chloropropan	9.32	45	88853	36.110	ng		80
17) 2-Methylphenol	9.22	107	106498	40.910	ng		95
18) Hexachloroethane	9.92	117	48398	39.125	ng		87
19) n-Nitroso-di-n-propylamine	9.60	70	96100	39.048	ng	#	86
20) 3+4-Methylphenols	9.56	107	146916	39.709	ng		94
22) Acetophenone	9.63	105	192689	38.152	ng	#	85
24) Nitrobenzene	10.03	77	122730	41.365	ng	#	86
25) Isophorone	10.56	82	243308	39.261	ng	#	87
26) 2-Nitrophenol	10.76	139	79883	51.350	ng	#	74
27) 2,4-Dimethylphenol	10.80	122	124902	38.155	ng		90
28) bis(2-Chloroethoxy)methane	11.04	93	160572	38.615	ng		93
29) 2,4-Dichlorophenol	11.30	162	151832	39.509	ng		90
30) 1,2,4-Trichlorobenzene	11.52	180	177241	37.773	ng		96
31) Naphthalene	11.73	128	429094	39.112	ng		98
32) Benzoic acid	10.90	122	98510	44.669	ng	#	75
33) 4-Chloroaniline	11.82	127	188700	38.633	ng	#	89
34) Hexachlorobutadiene	11.99	225	122756	38.107	ng		96
35) Caprolactam	12.58	113	50090	43.000	ng	#	41
36) 4-Chloro-3-methylphenol	12.89	107	145927	41.115	ng	#	80
37) 2-Methylnaphthalene	13.29	142	345743	38.875	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	235892	37.301	ng	#	96
40) Hexachlorocyclopentadiene	13.62	237	134407	40.288	ng		96

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	145761	39.977	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	160798	39.795	ng	#	90
45) 1,1'-Biphenyl	14.26	154	496285	38.702	ng		95
46) 2-Chloronaphthalene	14.32	162	371511	37.983	ng		96
47) 2-Nitroaniline	14.50	65	80332	47.554	ng	#	60
48) Acenaphthylene	15.16	152	605505	38.695	ng		99
49) Dimethylphthalate	14.85	163	513489	38.822	ng		99
50) 2,6-Dinitrotoluene	14.98	165	109579	45.035	ng	#	63
51) Acenaphthene	15.49	154	401700	39.197	ng		96
52) 3-Nitroaniline	15.31	138	105502	44.442	ng	#	72
53) 2,4-Dinitrophenol	15.50	184	45660	47.591	ng	#	1
54) Dibenzofuran	15.81	168	606154	38.585	ng		98
55) 4-Nitrophenol	15.58	139	84422	43.694	ng	#	66
56) 2,4-Dinitrotoluene	15.76	165	154146	49.267	ng	#	62
57) Fluorene	16.46	166	489734	38.375	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.03	232	159019	40.337	ng	#	85
59) Diethylphthalate	16.20	149	499059	38.712	ng		96
60) 4-Chlorophenyl-phenylether	16.44	204	302306	38.715	ng		92
61) 4-Nitroaniline	16.46	138	107636	46.463	ng		79
62) Azobenzene	16.73	77	316304	38.258	ng		84
64) 4,6-Dinitro-2-methylphenol	16.51	198	86615	47.488	ng	#	72
65) n-Nitrosodiphenylamine	16.65	169	474233	37.999	ng		99
66) 4-Bromophenyl-phenylether	17.33	248	208703	38.408	ng		94
67) Hexachlorobenzene	17.46	284	221691	39.910	ng	#	89
68) Atrazine	17.58	200	181923	37.489	ng		98
69) Pentachlorophenol	17.79	266	155257	40.636	ng		97
70) Phenanthrene	18.20	178	807083	37.953	ng		99
71) Anthracene	18.29	178	817156	38.093	ng		99
72) Carbazole	18.55	167	718706	37.853	ng		99
73) Di-n-butylphthalate	19.06	149	812703	38.516	ng		99
74) Fluoranthene	20.16	202	979250	37.529	ng		96
76) Benzidine	20.31	184	416168	32.999	ng		99
77) Pyrene	20.52	202	999799	38.306	ng		99
79) Butylbenzylphthalate	21.38	149	363115	41.444	ng	#	76
80) Benzo(a)anthracene	22.49	228	1003799	38.620	ng		98
81) 3,3'-Dichlorobenzidine	22.37	252	400655	39.758	ng	#	98
82) Chrysene	22.56	228	940114	38.228	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	507860	40.009	ng	#	97
84) Di-n-octyl phthalate	23.73	149	842532	39.411	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.62	276	1213248	38.455	ng	#	88
87) Benzo(b)fluoranthene	25.06	252	1034762	37.774	ng	#	97
88) Benzo(k)fluoranthene	25.13	252	1037773	37.854	ng	#	98
89) Benzo(a)pyrene	26.08	252	998515	38.060	ng	#	98
90) Dibenzo(a,h)anthracene	30.70	278	1035611	38.220	ng	#	97
91) Benzo(g,h,i)perylene	30.62	276	1213248	37.925	ng	#	93

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

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