Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031775.D
Acq On : 27 Dec 2017 00:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/27/2017 1:56:48 PM

Quant Time: Dec 27 05:57:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	43940	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	201001	20.00	ng		-0.03
38) Acenaphthene-d10	15.44	164	142651	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	365399	20.00	ng		-0.03
75) Chrysene-d12	22.52	240	416682	20.00	ng		-0.05
86) Perylene-d12	26.27	264	457733	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	195573	81.07	ng		-0.02
7) Phenol-d6	7.91	99	262560	83.83	ng		-0.02
23) Nitrobenzene-d5	10.00	82	221753	83.31	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	197934	90.93	ng		-0.03
44) 2-Fluorobiphenyl	14.07	172	879835	77.41	ng		-0.03
78) Terphenyl-d14	20.70	244	1380977	75.72	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	33106	37.020	ng	#	68
3) Pyridine	4.33	79	100209	41.921	ng	#	78
4) n-Nitrosodimethylamine	4.23	42	39080	40.514	ng	#	83
6) Aniline	8.10	93	165487	41.066	ng		92
8) 2-Chlorophenol	8.35	128	113859	40.687	ng		82
9) Benzaldehyde	7.91	77	72472m	38.426	ng		
10) Phenol	7.94	94	130229	41.183	ng		91
11) bis(2-Chloroethyl)ether	8.19	93	100269	38.180	ng	#	79
12) 1,3-Dichlorobenzene	8.69	146	137884	39.677	ng	#	94
13) 1,4-Dichlorobenzene	8.85	146	142103	40.030	ng		95
14) 1,2-Dichlorobenzene	9.17	146	135350	40.239	ng		96
15) Benzyl Alcohol	9.04	79	100899	42.912	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.34	45	74890	35.017	ng		81
17) 2-Methylphenol	9.24	107	93168	41.177	ng		95
18) Hexachloroethane	9.93	117	41998	39.062	ng	#	81
19) n-Nitroso-di-n-propylamine	9.62	70	85172	39.817	ng	#	81
20) 3+4-Methylphenols	9.57	107	137051	42.618	ng		96
22) Acetophenone	9.65	105	182120	38.999	ng	#	86
24) Nitrobenzene	10.05	77	111890	40.785	ng	#	80
25) Isophorone	10.57	82	221063	38.579	ng	#	87
26) 2-Nitrophenol	10.78	139	66600	46.301	ng	#	79
27) 2,4-Dimethylphenol	10.81	122	120007	39.648	ng		87
28) bis(2-Chloroethoxy)methane	11.05	93	143360	37.286	ng	#	93
29) 2,4-Dichlorophenol	11.31	162	145255	40.878	ng		92
30) 1,2,4-Trichlorobenzene	11.54	180	166213	38.310	ng		98
31) Naphthalene	11.74	128	399252	39.358	ng		99
32) Benzoic acid	10.95	122	19986m	15.027	ng		
33) 4-Chloroaniline	11.83	127	177519	39.307	ng	#	91
34) Hexachlorobutadiene	12.01	225	115445	38.759	ng		92
35) Caprolactam	12.58	113	45363	42.117	ng	#	44
36) 4-Chloro-3-methylphenol	12.90	107	139125	42.394	ng	#	83
37) 2-Methylnaphthalene	13.30	142	324195	39.423	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	235072	39.123	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	124388	39.242	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	146017	42.149	ng		97
43) 2,4,5-Trichlorophenol	13.95	196	161399	42.040	ng	#	91
45) 1,1'-Biphenyl	14.27	154	475918	39.062	ng		96
46) 2-Chloronaphthalene	14.33	162	359923	38.730	ng		96
47) 2-Nitroaniline	14.52	65	71480	44.535	ng	#	54
48) Acenaphthylene	15.17	152	590942	39.747	ng		99
49) Dimethylphthalate	14.87	163	500922	39.860	ng		98
50) 2,6-Dinitrotoluene	14.99	165	103391	44.722	ng	#	65
51) Acenaphthene	15.50	154	372908	38.298	ng		97
52) 3-Nitroaniline	15.33	138	100118	44.388	ng	#	67
53) 2,4-Dinitrophenol	15.51	184	2398	9.842	ng	#	1
54) Dibenzofuran	15.83	168	590137	39.537	ng		98
55) 4-Nitrophenol	15.59	139	66415	36.178	ng	#	70
56) 2,4-Dinitrotoluene	15.77	165	139725	47.002	ng	#	63
57) Fluorene	16.47	166	479680	39.560	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	153527	40.988	ng	#	86
59) Diethylphthalate	16.21	149	484785	39.579	ng		97
60) 4-Chlorophenyl-phenylether	16.45	204	294939	39.754	ng		92
61) 4-Nitroaniline	16.47	138	100670	45.738	ng		79
62) Azobenzene	16.75	77	302507	38.510	ng		82
64) 4,6-Dinitro-2-methylphenol	16.52	198	18413	16.872	ng	#	66
65) n-Nitrosodiphenylamine	16.66	169	465206	38.334	ng		98
66) 4-Bromophenyl-phenylether	17.35	248	206926	39.162	ng		94
67) Hexachlorobenzene	17.47	284	221351	40.979	ng	#	89
68) Atrazine	17.59	200	181250	38.410	ng		99
69) Pentachlorophenol	17.81	266	97042	26.120	ng		98
70) Phenanthrene	18.21	178	794963	38.443	ng		99
71) Anthracene	18.31	178	800831	38.391	ng		98
72) Carbazole	18.56	167	698885	37.854	ng		99
73) Di-n-butylphthalate	19.07	149	778933	37.963	ng		99
74) Fluoranthene	20.17	202	971812	38.301	ng		95
76) Benzidine	20.33	184	451545	35.109	ng		98
77) Pyrene	20.53	202	989183	37.164	ng		97
79) Butylbenzylphthalate	21.40	149	350208	39.195	ng	#	76
80) Benzo(a)anthracene	22.50	228	1013379	38.233	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	414706	40.354	ng	#	97
82) Chrysene	22.58	228	951927	37.958	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	503559	38.900	ng	#	97
84) Di-n-octyl phthalate	23.76	149	852708	39.113	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.64	276	1308122	40.658	ng	#	89
87) Benzo(b)fluoranthene	25.07	252	1093393	38.482	ng	#	97
88) Benzo(k)fluoranthene	25.15	252	1081411	38.031	ng	#	96
89) Benzo(a)pyrene	26.10	252	1039607	38.204	ng	#	97
90) Dibenzo(a,h)anthracene	30.73	278	1101543	39.195	ng	#	96
91) Benzo(g,h,i)perylene	30.64	276	1308122	39.423	ng	#	92

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

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