Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035507.D
Acq On : 29 Jun 2018 10:24
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/2/2018 12:35:10 PM

Quant Time: Jun 29 17:49:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	32210	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	128669	20.00	ng		-0.02
38) Acenaphthene-d10	14.69	164	91235	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	239741	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	275154	20.00	ng		-0.02
86) Perylene-d12	24.91	264	270018	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	153495	80.42	ng		0.00
7) Phenol-d6	7.22	99	226147	80.28	ng		0.00
23) Nitrobenzene-d5	9.23	82	244250	90.23	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	108024	92.49	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	566403	80.71	ng		-0.02
78) Terphenyl-d14	20.03	244	1018292	77.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	35660	39.159	ng	#	68
3) Pyridine	3.95	79	99277	40.405	ng	#	78
4) n-Nitrosodimethylamine	3.87	42	39491	37.412	ng	#	70
6) Aniline	7.39	93	141892	38.967	ng		95
8) 2-Chlorophenol	7.63	128	79214	39.594	ng		94
9) Benzaldehyde	7.20	77	83613	38.534	ng		99
10) Phenol	7.25	94	117324	40.245	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	90761	40.111	ng		91
12) 1,3-Dichlorobenzene	7.95	146	94852	39.736	ng		95
13) 1,4-Dichlorobenzene	8.10	146	98685	40.048	ng		97
14) 1,2-Dichlorobenzene	8.42	146	95062	41.071	ng		97
15) Benzyl Alcohol	8.30	79	97960	36.699	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	81100m	36.011	ng		
17) 2-Methylphenol	8.50	107	75953	39.517	ng	#	89
18) Hexachloroethane	9.15	117	35354	40.076	ng	#	87
19) n-Nitroso-di-n-propylamine	8.86	70	88501	36.979	ng	#	84
20) 3+4-Methylphenols	8.83	107	109999	39.928	ng		91
22) Acetophenone	8.88	105	158770	39.834	ng	#	90
24) Nitrobenzene	9.27	77	118399	42.715	ng	#	92
25) Isophorone	9.79	82	215790	37.758	ng		97
26) 2-Nitrophenol	9.97	139	47290	49.496	ng	#	81
27) 2,4-Dimethylphenol	10.03	122	76358	38.022	ng		91
28) bis(2-Chloroethoxy)methane	10.27	93	121208	39.466	ng		97
29) 2,4-Dichlorophenol	10.51	162	91681	41.956	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	112596	42.971	ng		98
31) Naphthalene	10.91	128	266520	39.873	ng		98
32) Benzoic acid	10.17	122	48658	36.173	ng	#	88
33) 4-Chloroaniline	11.02	127	117354	40.434	ng		96
34) Hexachlorobutadiene	11.20	225	87520	42.948	ng		99
35) Caprolactam	11.80	113	35494	43.951	ng	#	55
36) 4-Chloro-3-methylphenol	12.14	107	113320	41.601	ng		97
37) 2-Methylnaphthalene	12.52	142	207384	40.923	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	146843	43.211	ng		98
40) Hexachlorocyclopentadiene	12.86	237	83191	39.037	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	89328	43.899	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	96755	43.322	ng	#	91
45) 1,1'-Biphenyl	13.52	154	292378	39.854	ng		96
46) 2-Chloronaphthalene	13.56	162	223721	40.335	ng		99
47) 2-Nitroaniline	13.76	65	74205	45.306	ng		93
48) Acenaphthylene	14.41	152	372499	40.051	ng		98
49) Dimethylphthalate	14.13	163	312335	39.258	ng		99
50) 2,6-Dinitrotoluene	14.26	165	69075	47.591	ng	#	88
51) Acenaphthene	14.74	154	230194	37.881	ng		99
52) 3-Nitroaniline	14.59	138	66426	46.640	ng	#	90
53) 2,4-Dinitrophenol	14.79	184	30380	51.719	ng	#	69
54) Dibenzofuran	15.08	168	369877	40.641	ng		97
55) 4-Nitrophenol	14.89	139	51375	42.741	ng		86
56) 2,4-Dinitrotoluene	15.04	165	97718	50.682	ng	#	89
57) Fluorene	15.73	166	308131	40.511	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	96466	44.461	ng	#	91
59) Diethylphthalate	15.49	149	318347	39.219	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	183314	42.266	ng		97
61) 4-Nitroaniline	15.75	138	72600	47.531	ng	#	81
62) Azobenzene	16.01	77	295429	37.141	ng		93
64) 4,6-Dinitro-2-methylphenol	15.80	198	60749	55.499	ng		88
65) n-Nitrosodiphenylamine	15.93	169	285425	39.644	ng		95
66) 4-Bromophenyl-phenylether	16.61	248	120172	41.624	ng		94
67) Hexachlorobenzene	16.73	284	124303	42.301	ng		93
68) Atrazine	16.88	200	124065	40.408	ng		95
69) Pentachlorophenol	17.08	266	81335	41.162	ng		98
70) Phenanthrene	17.46	178	494507	40.605	ng		98
71) Anthracene	17.56	178	495666	40.632	ng		97
72) Carbazole	17.83	167	463648	40.963	ng		98
73) Di-n-butylphthalate	18.38	149	532412	39.465	ng	#	97
74) Fluoranthene	19.47	202	671037	42.344	ng		98
76) Benzidine	19.65	184	400483	39.122	ng		98
77) Pyrene	19.83	202	682591	37.630	ng		99
79) Butylbenzylphthalate	20.71	149	250355	38.009	ng	#	97
80) Benzo(a)anthracene	21.67	228	694984	39.526	ng		100
81) 3,3'-Dichlorobenzidine	21.59	252	253462	38.315	ng	#	98
82) Chrysene	21.74	228	637543	39.602	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	339462	36.474	ng		99
84) Di-n-octyl phthalate	22.79	149	567802	35.561	ng	#	91
85) Indeno(1,2,3-cd)pyrene	28.60	276	730225	38.729	ng	#	93
87) Benzo(b)fluoranthene	23.89	252	674917	40.588	ng	#	97
88) Benzo(k)fluoranthene	23.96	252	641373	39.430	ng	#	96
89) Benzo(a)pyrene	24.77	252	622443	39.781	ng	#	95
90) Dibenzo(a,h)anthracene	28.65	278	608915	39.422	ng	#	95
91) Benzo(g,h,i)perylene	29.74	276	600250	39.709	ng	#	93

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

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