Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033673.D
Acq On : 9 Apr 2018 10:22
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/10/2018 3:36:35 PM

Quant Time: Apr 10 06:11:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38868	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	177263	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	128927	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	314067	20.00	ng		0.00
75) Chrysene-d12	22.55	240	301059	20.00	ng		0.00
86) Perylene-d12	26.32	264	322398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	183875	88.71	ng		0.00
7) Phenol-d6	7.97	99	293711	82.47	ng		0.00
23) Nitrobenzene-d5	10.06	82	304212	78.85	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	128753	66.77	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	695712	77.90	ng		0.00
78) Terphenyl-d14	20.73	244	1095389	77.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	45463	43.189	ng		92
3) Pyridine	4.39	79	129793	44.604	ng		97
4) n-Nitrosodimethylamine	4.29	42	53833	45.080	ng	#	82
6) Aniline	8.16	93	176402	42.117	ng		96
8) 2-Chlorophenol	8.41	128	98751	41.673	ng		92
9) Benzaldehyde	7.97	77	73480	32.465	ng		94
10) Phenol	8.00	94	146853	41.763	ng		93
11) bis(2-Chloroethyl)ether	8.24	93	120496	41.982	ng		94
12) 1,3-Dichlorobenzene	8.75	146	123609	39.898	ng		93
13) 1,4-Dichlorobenzene	8.90	146	124473	40.117	ng		99
14) 1,2-Dichlorobenzene	9.23	146	120918	39.930	ng		99
15) Benzyl Alcohol	9.10	79	123075	43.891	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.38	45	214847	45.918	ng		94
17) 2-Methylphenol	9.29	107	104026m	43.427	ng		
18) Hexachloroethane	9.98	117	48574	40.563	ng		92
19) n-Nitroso-di-n-propylamine	9.67	70	114329	43.808	ng		94
20) 3+4-Methylphenols	9.63	107	142971	41.919	ng		89
22) Acetophenone	9.70	105	197389	40.645	ng	#	97
24) Nitrobenzene	10.11	77	165239	40.012	ng		91
25) Isophorone	10.62	82	306619	40.947	ng		99
26) 2-Nitrophenol	10.83	139	65104	41.640	ng	#	93
27) 2,4-Dimethylphenol	10.86	122	97024	42.718	ng		88
28) bis(2-Chloroethoxy)methane	11.10	93	144476	38.669	ng		95
29) 2,4-Dichlorophenol	11.37	162	112776	40.375	ng		95
30) 1,2,4-Trichlorobenzene	11.59	180	134979	37.194	ng		97
31) Naphthalene	11.79	128	360643	39.261	ng		99
32) Benzoic acid	11.00	122	73884m	34.993	ng		
33) 4-Chloroaniline	11.89	127	147776	35.908	ng	#	86
34) Hexachlorobutadiene	12.05	225	100784	36.723	ng		95
35) Caprolactam	12.63	113	46121	42.147	ng	#	79
36) 4-Chloro-3-methylphenol	12.96	107	143183	39.302	ng		92
37) 2-Methylnaphthalene	13.34	142	268814	37.703	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	175772	37.638	ng		98
40) Hexachlorocyclopentadiene	13.67	237	90282	32.977	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	104777	38.616	ng		98
43) 2,4,5-Trichlorophenol	14.00	196	118946	37.088	ng		96
45) 1,1'-Biphenyl	14.32	154	395151	39.893	ng		96
46) 2-Chloronaphthalene	14.37	162	300848	39.392	ng		96
47) 2-Nitroaniline	14.57	65	121634	42.520	ng		93
48) Acenaphthylene	15.21	152	502857	39.445	ng		98
49) Dimethylphthalate	14.90	163	445882	39.739	ng		99
50) 2,6-Dinitrotoluene	15.04	165	92638	40.379	ng		98
51) Acenaphthene	15.54	154	327798	39.888	ng		96
52) 3-Nitroaniline	15.38	138	92246	38.352	ng	#	95
53) 2,4-Dinitrophenol	15.57	184	36399	35.353	ng		95
54) Dibenzofuran	15.87	168	460864	37.965	ng		92
55) 4-Nitrophenol	15.66	139	64838	38.336	ng	#	85
56) 2,4-Dinitrotoluene	15.81	165	129450	38.322	ng		95
57) Fluorene	16.51	166	394116	38.110	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	106153	35.159	ng		96
59) Diethylphthalate	16.24	149	438744	40.270	ng		97
60) 4-Chlorophenyl-phenylether	16.49	204	220272	37.053	ng		95
61) 4-Nitroaniline	16.53	138	99857	40.997	ng		91
62) Azobenzene	16.78	77	416409	39.455	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	77741	41.377	ng		96
65) n-Nitrosodiphenylamine	16.70	169	359383	40.082	ng		96
66) 4-Bromophenyl-phenylether	17.38	248	139751	37.889	ng		92
67) Hexachlorobenzene	17.51	284	148459	38.138	ng		97
68) Atrazine	17.61	200	145286	39.988	ng		96
69) Pentachlorophenol	17.84	266	87275	32.666	ng		99
70) Phenanthrene	18.25	178	635336	38.843	ng		98
71) Anthracene	18.34	178	651093	39.314	ng		99
72) Carbazole	18.60	167	597127	40.688	ng		97
73) Di-n-butylphthalate	19.09	149	730201	42.747	ng	#	98
74) Fluoranthene	20.21	202	777317	38.403	ng		98
76) Benzidine	20.36	184	357913	43.839	ng		99
77) Pyrene	20.56	202	801297	39.907	ng		99
79) Butylbenzylphthalate	21.41	149	323910	43.715	ng		100
80) Benzo(a)anthracene	22.53	228	739103	38.555	ng		99
81) 3,3'-Dichlorobenzidine	22.41	252	281675	41.291	ng		96
82) Chrysene	22.61	228	721873	38.901	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	454552	44.502	ng		99
84) Di-n-octyl phthalate	23.74	149	723922	46.290	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	818253	40.784	ng	#	87
87) Benzo(b)fluoranthene	25.11	252	707956	38.008	ng	#	97
88) Benzo(k)fluoranthene	25.18	252	736620m	39.102	ng		
89) Benzo(a)pyrene	26.13	252	703016	39.302	ng		95
90) Dibenzo(a,h)anthracene	30.76	278	681272	40.433	ng		99
91) Benzo(g,h,i)perylene	32.06	276	671196	40.228	ng	#	96

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

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