Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032579.D
Acq On : 7 Feb 2018 1:49
Operator : SJ/JU
Sample : SSTDCCC040
Misc : MDL-W-8 ppm
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:46 PM

Quant Time: Feb 07 05:05:33 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	8.73	152	20337	20.00	ng		0.02
21) Naphthalene-d8	11.61	136	91633	20.00	ng		0.03
38) Acenaphthene-d10	15.35	164	67855	20.00	ng		0.01
63) Phenanthrene-d10	18.09	188	182560	20.00	ng		0.01
75) Chrysene-d12	22.42	240	234154	20.00	ng		0.01
86) Perylene-d12	26.09	264	255862	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	87698	86.61	ng		0.03
7) Phenol-d6	7.85	99	105712	78.24	ng		0.03
23) Nitrobenzene-d5	9.93	82	106897	72.86	ng		0.02
41) 2,4,6-Tribromophenol	16.83	330	107615	83.32	ng		0.02
44) 2-Fluorobiphenyl	13.98	172	440423	77.15	ng		0.02
78) Terphenyl-d14	20.62	244	886253	81.08	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	15749	46.230	ng	#	67
3) Pyridine	4.28	79	38366	41.709	ng	#	78
4) n-Nitrosodimethylamine	4.18	42	18132	37.866	ng	#	53
6) Aniline	8.03	93	61728	36.643	ng	#	90
8) 2-Chlorophenol	8.28	128	51028	42.635	ng	#	77
9) Benzaldehyde	7.84	77	22858	32.755	ng		87
10) Phenol	7.88	94	49987	38.958	ng		94
11) bis(2-Chloroethyl)ether	8.12	93	41350	42.296	ng	#	79
12) 1,3-Dichlorobenzene	8.61	146	63081m	38.973	ng		
13) 1,4-Dichlorobenzene	8.77	146	61542	37.935	ng		95
14) 1,2-Dichlorobenzene	9.10	146	62630	39.409	ng		98
15) Benzyl Alcohol	8.97	79	38263	34.362	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.25	45	35216	38.014	ng		71
17) 2-Methylphenol	9.17	107	37430	35.918	ng		93
18) Hexachloroethane	9.85	117	22793	41.847	ng		88
19) n-Nitroso-di-n-propylamine	9.54	70	37929	42.338	ng	#	90
20) 3+4-Methylphenols	9.51	107	62811	42.970	ng		95
22) Acetophenone	9.57	105	81741	38.055	ng	#	95
24) Nitrobenzene	9.98	77	54885	38.689	ng	#	82
25) Isophorone	10.49	82	99477	39.823	ng	#	82
26) 2-Nitrophenol	10.70	139	34437	40.157	ng	#	78
27) 2,4-Dimethylphenol	10.74	122	44455	36.117	ng		96
28) bis(2-Chloroethoxy)methane	10.98	93	52651	38.437	ng	#	87
29) 2,4-Dichlorophenol	11.24	162	60943	37.376	ng		86
30) 1,2,4-Trichlorobenzene	11.46	180	84917	39.075	ng		94
31) Naphthalene	11.66	128	186902	41.762	ng		98
32) Benzoic acid	10.87	122	30445	35.409	ng	#	73
33) 4-Chloroaniline	11.76	127	76276	38.212	ng	#	89
34) Hexachlorobutadiene	11.93	225	68668	40.612	ng		98
35) Caprolactam	12.51	113	19035	40.666	ng	#	36
36) 4-Chloro-3-methylphenol	12.83	107	59813	38.673	ng	#	82
37) 2-Methylnaphthalene	13.22	142	150170	39.940	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	119997	37.801	ng	#	97
40) Hexachlorocyclopentadiene	13.54	237	78574	39.615	ng		89

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	63786	36.941	ng		96
43) 2,4,5-Trichlorophenol	13.88	196	76262	37.887	ng	#	91
45) 1,1'-Biphenyl	14.20	154	223676	39.017	ng		93
46) 2-Chloronaphthalene	14.25	162	174049	38.736	ng		95
47) 2-Nitroaniline	14.44	65	37900	38.143	ng	#	68
48) Acenaphthylene	15.08	152	280677	41.321	ng		98
49) Dimethylphthalate	14.78	163	235440	37.631	ng		100
50) 2,6-Dinitrotoluene	14.92	165	51174	38.970	ng	#	75
51) Acenaphthene	15.42	154	188412	39.995	ng		97
52) 3-Nitroaniline	15.25	138	47708	41.593	ng	#	74
53) 2,4-Dinitrophenol	15.45	184	35593	45.299	ng	#	64
54) Dibenzofuran	15.75	168	272121	39.027	ng		99
55) 4-Nitrophenol	15.54	139	31626	36.830	ng	#	79
56) 2,4-Dinitrotoluene	15.69	165	74997	40.112	ng	#	69
57) Fluorene	16.39	166	233185	40.246	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.97	232	72670	36.605	ng	#	86
59) Diethylphthalate	16.12	149	235794	38.696	ng		99
60) 4-Chlorophenyl-phenylether	16.37	204	145753	39.893	ng		94
61) 4-Nitroaniline	16.41	138	50903	41.405	ng	#	76
62) Azobenzene	16.66	77	139755	38.378	ng		85
64) 4,6-Dinitro-2-methylphenol	16.45	198	49853	36.553	ng	#	69
65) n-Nitrosodiphenylamine	16.58	169	213604	39.206	ng		97
66) 4-Bromophenyl-phenylether	17.26	248	105319	38.941	ng		95
67) Hexachlorobenzene	17.39	284	119014	39.764	ng	#	88
68) Atrazine	17.50	200	92245	39.441	ng		96
69) Pentachlorophenol	17.73	266	74661	39.820	ng		99
70) Phenanthrene	18.13	178	400021	39.292	ng		99
71) Anthracene	18.22	178	414432	40.882	ng		99
72) Carbazole	18.48	167	369708	41.277	ng		98
73) Di-n-butylphthalate	18.98	149	429155	43.276	ng		100
74) Fluoranthene	20.10	202	565231	42.335	ng		95
76) Benzidine	20.25	184	192750	41.922	ng		97
77) Pyrene	20.45	202	578234	40.262	ng		100
79) Butylbenzylphthalate	21.31	149	190767	42.112	ng	#	76
80) Benzo(a)anthracene	22.39	228	580961	40.021	ng		97
81) 3,3'-Dichlorobenzidine	22.29	252	228469	40.622	ng	#	94
82) Chrysene	22.47	228	558960	39.872	ng		98
83) Bis(2-ethylhexyl)phthalate	22.23	149	277535	43.209	ng	#	98
84) Di-n-octyl phthalate	23.60	149	427541	41.966	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	772088	43.536	ng	#	85
87) Benzo(b)fluoranthene	24.91	252	591790	38.279	ng	#	96
88) Benzo(k)fluoranthene	24.99	252	597455	39.012	ng	#	95
89) Benzo(a)pyrene	25.92	252	587767	39.879	ng	#	95
90) Dibenzo(a,h)anthracene	30.43	278	643115	42.655	ng	#	95
91) Benzo(g,h,i)perylene	31.69	276	626031	41.832	ng	#	91

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

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