Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036269.D
Acq On : 10 Aug 2018 16:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/13/2018 6:08:31 PM

Quant Time: Aug 10 16:57:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	25674	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	102078	20.00	ng		-0.03
38) Acenaphthene-d10	14.63	164	75032	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	197863	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	205490	20.00	ng		-0.02
86) Perylene-d12	24.82	264	202222	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	115221	74.51	ng		0.00
7) Phenol-d6	7.18	99	170949	74.09	ng		-0.01
23) Nitrobenzene-d5	9.17	82	185283	75.83	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	83700	84.63	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	427185	76.28	ng		-0.03
78) Terphenyl-d14	19.98	244	775939	83.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	27327	34.720	ng	#	71
3) Pyridine	3.91	79	71047	34.577	ng	#	71
4) n-Nitrosodimethylamine	3.83	42	29686	33.648	ng	#	83
6) Aniline	7.34	93	104125	34.819	ng		97
8) 2-Chlorophenol	7.58	128	59360	37.742	ng		99
9) Benzaldehyde	7.15	77	47626	33.642	ng		95
10) Phenol	7.21	94	88020	37.761	ng		92
11) bis(2-Chloroethyl)ether	7.43	93	65655	35.966	ng		88
12) 1,3-Dichlorobenzene	7.89	146	72753	38.306	ng	#	94
13) 1,4-Dichlorobenzene	8.04	146	75220	38.979	ng		95
14) 1,2-Dichlorobenzene	8.36	146	71611	38.628	ng		94
15) Benzyl Alcohol	8.25	79	71696	34.220	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.53	45	57232m	37.396	ng		
17) 2-Methylphenol	8.46	107	56306	35.528	ng	#	86
18) Hexachloroethane	9.09	117	28703	38.901	ng		91
19) n-Nitroso-di-n-propylamine	8.81	70	63876	32.877	ng	#	83
20) 3+4-Methylphenols	8.79	107	81872	37.238	ng		91
22) Acetophenone	8.83	105	115461	36.373	ng	#	89
24) Nitrobenzene	9.22	77	88782	36.128	ng		93
25) Isophorone	9.73	82	153467	33.833	ng		97
26) 2-Nitrophenol	9.93	139	36849	42.221	ng	#	85
27) 2,4-Dimethylphenol	9.98	122	57487	38.912	ng		88
28) bis(2-Chloroethoxy)methane	10.21	93	85815	34.333	ng		98
29) 2,4-Dichlorophenol	10.47	162	71692	42.512	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	85688	41.437	ng		94
31) Naphthalene	10.86	128	199204	37.463	ng		98
32) Benzoic acid	10.15	122	28820m	28.978	ng		
33) 4-Chloroaniline	10.97	127	83169	35.887	ng		94
34) Hexachlorobutadiene	11.14	225	70331	43.615	ng		98
35) Caprolactam	11.75	113	23849m	32.954	ng		
36) 4-Chloro-3-methylphenol	12.10	107	88657	39.220	ng		91
37) 2-Methylnaphthalene	12.46	142	150973	38.110	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	115294	40.712	ng		98
40) Hexachlorocyclopentadiene	12.80	237	66283	44.629	ng		89

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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	13.07	196	66778	40.321	ng		97
43) 2,4,5-Trichlorophenol	13.15	196	72616	39.194	ng		91
45) 1,1'-Biphenyl	13.46	154	215727	37.084	ng		95
46) 2-Chloronaphthalene	13.51	162	171020	37.796	ng		99
47) 2-Nitroaniline	13.72	65	56785	35.498	ng		95
48) Acenaphthylene	14.36	152	279261	36.844	ng		100
49) Dimethylphthalate	14.09	163	237242	36.088	ng		100
50) 2,6-Dinitrotoluene	14.21	165	53740	40.144	ng		95
51) Acenaphthene	14.70	154	172861	36.610	ng		96
52) 3-Nitroaniline	14.55	138	47179	34.482	ng	#	96
53) 2,4-Dinitrophenol	14.76	184	20886m	34.425	ng		
54) Dibenzofuran	15.03	168	282353	37.601	ng		92
55) 4-Nitrophenol	14.87	139	32670m	33.528	ng		
56) 2,4-Dinitrotoluene	15.00	165	77631	40.421	ng	#	84
57) Fluorene	15.68	166	239045	37.981	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	69339	39.034	ng		96
59) Diethylphthalate	15.44	149	240549	35.586	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	143780	38.868	ng		97
61) 4-Nitroaniline	15.71	138	46724	32.646	ng	#	68
62) Azobenzene	15.96	77	229767	34.460	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	41376	37.566	ng		81
65) n-Nitrosodiphenylamine	15.88	169	216240	38.395	ng		96
66) 4-Bromophenyl-phenylether	16.56	248	94130	41.006	ng		96
67) Hexachlorobenzene	16.69	284	96599	40.863	ng	#	92
68) Atrazine	16.83	200	81633	35.204	ng		96
69) Pentachlorophenol	17.03	266	53272	36.997	ng		96
70) Phenanthrene	17.42	178	378201	38.307	ng		97
71) Anthracene	17.51	178	377829	38.433	ng		97
72) Carbazole	17.79	167	339024	36.313	ng		98
73) Di-n-butylphthalate	18.33	149	405125	36.720	ng	#	98
74) Fluoranthene	19.42	202	503643	37.871	ng		97
76) Benzidine	19.61	184	105943	19.610	ng	#	95
77) Pyrene	19.79	202	517005	39.790	ng		99
79) Butylbenzylphthalate	20.67	149	188059	40.473	ng		95
80) Benzo(a)anthracene	21.62	228	497654	38.862	ng		98
81) 3,3'-Dichlorobenzidine	21.53	252	171031	38.304	ng	#	98
82) Chrysene	21.69	228	473312	39.886	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	258842	40.976	ng		99
84) Di-n-octyl phthalate	22.71	149	433691	41.004	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	505025	38.440	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	480551	39.098	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	467152	38.877	ng	#	97
89) Benzo(a)pyrene	24.67	252	444671	38.888	ng	#	95
90) Dibenzo(a,h)anthracene	28.51	278	410669	36.582	ng	#	95
91) Benzo(g,h,i)perylene	29.59	276	407256	37.074	ng	#	94

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

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