Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035858.D
Acq On : 24 Jul 2018 22:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/25/2018 6:35:04 PM

Quant Time: Jul 25 03:20:16 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 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41618	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	164795	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	115695	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	315837	20.00	ng		0.00
75) Chrysene-d12	21.66	240	358832	20.00	ng		0.00
86) Perylene-d12	24.86	264	355807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	195985	78.18	ng		0.00
7) Phenol-d6	7.19	99	293349	78.43	ng		0.00
23) Nitrobenzene-d5	9.19	82	305225	77.37	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	132128	86.65	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	702277	81.32	ng		0.00
78) Terphenyl-d14	20.00	244	1269897	78.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	46214	36.222	ng	#	71
3) Pyridine	3.92	79	126887	38.096	ng	#	74
4) n-Nitrosodimethylamine	3.84	42	50372	35.222	ng	#	80
6) Aniline	7.36	93	179612	37.051	ng		95
8) 2-Chlorophenol	7.60	128	103128	40.450	ng		90
9) Benzaldehyde	7.17	77	80005	34.863	ng		94
10) Phenol	7.22	94	150063	39.714	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	114232	38.603	ng		89
12) 1,3-Dichlorobenzene	7.92	146	117245	38.082	ng		91
13) 1,4-Dichlorobenzene	8.06	146	125618	40.157	ng		92
14) 1,2-Dichlorobenzene	8.38	146	117078	38.959	ng		96
15) Benzyl Alcohol	8.27	79	123793	36.449	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	86925	35.038	ng		81
17) 2-Methylphenol	8.47	107	98011	38.151	ng	#	92
18) Hexachloroethane	9.11	117	46003	38.462	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	108803	34.547	ng	#	83
20) 3+4-Methylphenols	8.80	107	139608	39.172	ng		95
22) Acetophenone	8.85	105	192854	37.633	ng	#	94
24) Nitrobenzene	9.23	77	149096	37.581	ng		94
25) Isophorone	9.75	82	269195	36.760	ng		98
26) 2-Nitrophenol	9.94	139	61118	43.377	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	92664	38.852	ng		87
28) bis(2-Chloroethoxy)methane	10.23	93	154923	38.393	ng		98
29) 2,4-Dichlorophenol	10.48	162	117377	43.113	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	138037	41.348	ng		99
31) Naphthalene	10.88	128	335473	39.080	ng		97
32) Benzoic acid	10.17	122	52626m	32.777	ng		
33) 4-Chloroaniline	10.99	127	146930	39.271	ng		97
34) Hexachlorobutadiene	11.16	225	106454	40.892	ng		96
35) Caprolactam	11.77	113	42711	36.557	ng	#	73
36) 4-Chloro-3-methylphenol	12.11	107	148670	40.739	ng		91
37) 2-Methylnaphthalene	12.48	142	256737	40.144	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	179329	41.067	ng		99
40) Hexachlorocyclopentadiene	12.83	237	85956	37.534	ng		92

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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	13.09	196	108865	42.631	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	123704	43.302	ng		98
45) 1,1'-Biphenyl	13.49	154	369958	41.245	ng		97
46) 2-Chloronaphthalene	13.53	162	285716	40.951	ng		99
47) 2-Nitroaniline	13.73	65	101494	41.147	ng		96
48) Acenaphthylene	14.37	152	474086	40.564	ng		98
49) Dimethylphthalate	14.11	163	396004	39.067	ng		99
50) 2,6-Dinitrotoluene	14.23	165	89889	43.547	ng		94
51) Acenaphthene	14.72	154	295095	40.532	ng		98
52) 3-Nitroaniline	14.56	138	91176	43.217	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	35084	36.915	ng	#	63
54) Dibenzofuran	15.05	168	469894	40.582	ng		93
55) 4-Nitrophenol	14.88	139	66640	44.353	ng		82
56) 2,4-Dinitrotoluene	15.01	165	128576	43.418	ng		93
57) Fluorene	15.70	166	391985	40.392	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.28	232	120068	43.835	ng		89
59) Diethylphthalate	15.46	149	407134	39.061	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	236677	41.494	ng		96
61) 4-Nitroaniline	15.72	138	94984	43.040	ng	#	84
62) Azobenzene	15.98	77	392360	38.163	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	70251	39.957	ng		86
65) n-Nitrosodiphenylamine	15.91	169	369574	41.110	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	151329	41.299	ng		96
67) Hexachlorobenzene	16.70	284	157911	41.848	ng		95
68) Atrazine	16.85	200	144147	38.944	ng		97
69) Pentachlorophenol	17.05	266	87826	38.212	ng		98
70) Phenanthrene	17.44	178	644180	40.875	ng		98
71) Anthracene	17.53	178	646761	41.215	ng		97
72) Carbazole	17.80	167	607975	40.796	ng		99
73) Di-n-butylphthalate	18.35	149	708671	40.240	ng	#	98
74) Fluoranthene	19.44	202	864962	40.746	ng		96
76) Benzidine	19.62	184	377059	39.969	ng		96
77) Pyrene	19.81	202	893144	39.364	ng		98
79) Butylbenzylphthalate	20.69	149	338667	41.740	ng	#	95
80) Benzo(a)anthracene	21.64	228	898082	40.162	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	327539	42.008	ng	#	97
82) Chrysene	21.70	228	835534	40.322	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	463562	42.024	ng	#	98
84) Di-n-octyl phthalate	22.74	149	807164	43.702	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	925525	40.342	ng	#	84
87) Benzo(b)fluoranthene	23.84	252	856582	39.609	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	871027	41.198	ng	#	97
89) Benzo(a)pyrene	24.71	252	827800	41.145	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	784952	39.741	ng	#	97
91) Benzo(g,h,i)perylene	29.63	276	731959	37.870	ng	#	96

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

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