Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035840.D
Acq On : 24 Jul 2018 9:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/25/2018 6:34:43 PM

Quant Time: Jul 24 14:50:45 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	42477	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	164151	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	115564	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	318163	20.00	ng		0.00
75) Chrysene-d12	21.66	240	363599	20.00	ng		0.00
86) Perylene-d12	24.86	264	352144	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	203951	79.72	ng		0.00
7) Phenol-d6	7.19	99	296866	77.77	ng		0.00
23) Nitrobenzene-d5	9.19	82	311121	79.18	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	131146	86.10	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	698418	80.97	ng		0.00
78) Terphenyl-d14	20.00	244	1307474	79.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	47082	36.156	ng	#	72
3) Pyridine	3.92	79	125799	37.005	ng	#	77
4) n-Nitrosodimethylamine	3.83	42	48994	33.565	ng	#	77
6) Aniline	7.35	93	183595	37.107	ng		96
8) 2-Chlorophenol	7.59	128	107744	41.406	ng		95
9) Benzaldehyde	7.17	77	83696	35.734	ng		94
10) Phenol	7.22	94	154271	40.002	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	115533	38.253	ng		93
12) 1,3-Dichlorobenzene	7.92	146	126778	40.345	ng		95
13) 1,4-Dichlorobenzene	8.06	146	127422	39.910	ng		96
14) 1,2-Dichlorobenzene	8.38	146	119536	38.973	ng		92
15) Benzyl Alcohol	8.27	79	125382	36.170	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.56	45	92279	36.444	ng		79
17) 2-Methylphenol	8.47	107	99155	37.816	ng	#	85
18) Hexachloroethane	9.11	117	46624	38.193	ng		90
19) n-Nitroso-di-n-propylamine	8.83	70	111201	34.594	ng	#	86
20) 3+4-Methylphenols	8.80	107	142929	39.293	ng		94
22) Acetophenone	8.85	105	198842	38.953	ng	#	88
24) Nitrobenzene	9.23	77	154984	39.219	ng		93
25) Isophorone	9.75	82	275602	37.783	ng		100
26) 2-Nitrophenol	9.94	139	65407	46.603	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	99583	41.917	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	156725	38.992	ng		99
29) 2,4-Dichlorophenol	10.48	162	119171	43.944	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	141559	42.569	ng		98
31) Naphthalene	10.88	128	343318	40.150	ng		99
32) Benzoic acid	10.16	122	63182m	39.506	ng		
33) 4-Chloroaniline	10.99	127	149495	40.113	ng	#	88
34) Hexachlorobutadiene	11.16	225	110656	42.673	ng		98
35) Caprolactam	11.76	113	43062	37.002	ng	#	67
36) 4-Chloro-3-methylphenol	12.11	107	150056	41.280	ng		96
37) 2-Methylnaphthalene	12.48	142	262032	41.132	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	177062	40.594	ng		98
40) Hexachlorocyclopentadiene	12.83	237	81987	35.841	ng		88

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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	111305	43.636	ng		92
43) 2,4,5-Trichlorophenol	13.17	196	124751	43.718	ng		92
45) 1,1'-Biphenyl	13.49	154	366895	40.950	ng		98
46) 2-Chloronaphthalene	13.53	162	284607	40.838	ng		100
47) 2-Nitroaniline	13.73	65	100875	40.942	ng		91
48) Acenaphthylene	14.37	152	468191	40.105	ng		99
49) Dimethylphthalate	14.10	163	394874	38.999	ng		98
50) 2,6-Dinitrotoluene	14.23	165	89419	43.368	ng		91
51) Acenaphthene	14.71	154	292903	40.277	ng		99
52) 3-Nitroaniline	14.56	138	92683	43.981	ng	#	95
53) 2,4-Dinitrophenol	14.77	184	35117	36.978	ng	#	63
54) Dibenzofuran	15.05	168	473098	40.905	ng		95
55) 4-Nitrophenol	14.88	139	61808	41.184	ng	#	84
56) 2,4-Dinitrotoluene	15.01	165	133572	45.156	ng	#	82
57) Fluorene	15.70	166	399027	41.164	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	114861	41.982	ng		93
59) Diethylphthalate	15.46	149	408387	39.226	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	230104	40.387	ng		96
61) 4-Nitroaniline	15.72	138	95500	43.323	ng	#	85
62) Azobenzene	15.98	77	391124	38.086	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	71938	40.618	ng		85
65) n-Nitrosodiphenylamine	15.90	169	371218	40.991	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	149083	40.388	ng	#	90
67) Hexachlorobenzene	16.70	284	158728	41.757	ng		98
68) Atrazine	16.85	200	147484	39.554	ng		92
69) Pentachlorophenol	17.05	266	85787	37.052	ng		99
70) Phenanthrene	17.44	178	644044	40.568	ng		98
71) Anthracene	17.53	178	643000	40.676	ng		99
72) Carbazole	17.80	167	617298	41.119	ng		99
73) Di-n-butylphthalate	18.35	149	726835	40.970	ng	#	98
74) Fluoranthene	19.44	202	872945	40.821	ng		97
76) Benzidine	19.62	184	448783	46.948	ng		97
77) Pyrene	19.81	202	901560	39.214	ng		97
79) Butylbenzylphthalate	20.69	149	349864	42.554	ng		93
80) Benzo(a)anthracene	21.64	228	910443	40.181	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	337097	42.667	ng	#	98
82) Chrysene	21.70	228	831541	39.603	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	480484	42.987	ng	#	98
84) Di-n-octyl phthalate	22.74	149	821940	43.919	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.49	276	946262	40.705	ng	#	85
87) Benzo(b)fluoranthene	23.84	252	861517	40.252	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	862763	41.232	ng	#	98
89) Benzo(a)pyrene	24.71	252	816110	40.986	ng	#	97
90) Dibenzo(a,h)anthracene	28.56	278	813194	41.599	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	768288	40.164	ng	#	94

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

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