Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
Data File : BG035753.D
Acq On : 19 Jul 2018 14:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/19/2018 3:45:35 PM

Quant Time: Jul 19 15:30:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50687	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	218390	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	156841	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	399424	20.00	ng		0.00
75) Chrysene-d12	21.67	240	418809	20.00	ng		0.00
86) Perylene-d12	24.88	264	420272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	242301	79.36	ng		0.00
7) Phenol-d6	7.21	99	369981	81.22	ng		0.00
23) Nitrobenzene-d5	9.20	82	402464	76.99	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	161003	77.88	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	916551	78.29	ng		0.00
78) Terphenyl-d14	20.01	244	1455421	76.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	53776	34.608	ng	#	73
3) Pyridine	3.93	79	157504	38.827	ng	#	74
4) n-Nitrosodimethylamine	3.85	42	61120	35.090	ng	#	65
6) Aniline	7.37	93	230401	39.025	ng		97
8) 2-Chlorophenol	7.61	128	130223	41.939	ng		93
9) Benzaldehyde	7.18	77	106990	38.281	ng		95
10) Phenol	7.23	94	190119	41.313	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	146416	40.626	ng		89
12) 1,3-Dichlorobenzene	7.93	146	153643	40.975	ng		96
13) 1,4-Dichlorobenzene	8.08	146	152721	40.086	ng		99
14) 1,2-Dichlorobenzene	8.39	146	148205	40.493	ng		94
15) Benzyl Alcohol	8.28	79	164221	39.701	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.56	45	116928	38.699	ng		80
17) 2-Methylphenol	8.48	107	129265	41.314	ng	#	87
18) Hexachloroethane	9.12	117	57609	39.548	ng		89
19) n-Nitroso-di-n-propylamine	8.84	70	150751	39.302	ng	#	84
20) 3+4-Methylphenols	8.81	107	180419	41.566	ng		88
22) Acetophenone	8.86	105	257439	37.907	ng	#	90
24) Nitrobenzene	9.25	77	200120	38.063	ng		93
25) Isophorone	9.76	82	361861	37.288	ng		98
26) 2-Nitrophenol	9.95	139	80751	43.246	ng	#	90
27) 2,4-Dimethylphenol	10.01	122	126655	40.072	ng		93
28) bis(2-Chloroethoxy)methane	10.24	93	206740	38.661	ng		95
29) 2,4-Dichlorophenol	10.49	162	154917	42.937	ng		94
30) 1,2,4-Trichlorobenzene	10.70	180	182370	41.221	ng		96
31) Naphthalene	10.89	128	441328	38.794	ng		98
32) Benzoic acid	10.17	122	58268	27.385	ng	#	84
33) 4-Chloroaniline	11.00	127	193815	39.090	ng		98
34) Hexachlorobutadiene	11.17	225	138693	40.202	ng		99
35) Caprolactam	11.78	113	57482	37.125	ng	#	68
36) 4-Chloro-3-methylphenol	12.12	107	189586	39.202	ng		93
37) 2-Methylnaphthalene	12.49	142	336538	39.708	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	236081	39.880	ng		98
40) Hexachlorocyclopentadiene	12.83	237	118705	38.236	ng		93

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	141227m	40.795	ng		
43) 2,4,5-Trichlorophenol	13.18	196	161277	41.644	ng		98
45) 1,1'-Biphenyl	13.50	154	476658	39.200	ng		99
46) 2-Chloronaphthalene	13.54	162	366999	38.801	ng		99
47) 2-Nitroaniline	13.75	65	129840	38.829	ng		94
48) Acenaphthylene	14.39	152	614335	38.774	ng		97
49) Dimethylphthalate	14.12	163	518851	37.758	ng		99
50) 2,6-Dinitrotoluene	14.24	165	113756	40.652	ng		89
51) Acenaphthene	14.73	154	379361	38.437	ng		98
52) 3-Nitroaniline	14.57	138	109819	38.397	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	5010	9.777	ng	#	54
54) Dibenzofuran	15.06	168	601104	38.295	ng		94
55) 4-Nitrophenol	14.88	139	69772	34.255	ng	#	87
56) 2,4-Dinitrotoluene	15.02	165	160349	39.942	ng	#	91
57) Fluorene	15.71	166	502833	38.221	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	141892	38.213	ng		95
59) Diethylphthalate	15.47	149	518359	36.685	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	297662	38.495	ng		99
61) 4-Nitroaniline	15.73	138	111070	37.126	ng	#	83
62) Azobenzene	15.99	77	498349	35.756	ng		96
64) 4,6-Dinitro-2-methylphenol	15.78	198	56239	25.294	ng		89
65) n-Nitrosodiphenylamine	15.91	169	466164	41.003	ng		100
66) 4-Bromophenyl-phenylether	16.59	248	187821	40.531	ng		92
67) Hexachlorobenzene	16.71	284	196037	41.079	ng		96
68) Atrazine	16.86	200	183585	39.219	ng		99
69) Pentachlorophenol	17.06	266	142825	49.137	ng		96
70) Phenanthrene	17.45	178	777530	39.012	ng		99
71) Anthracene	17.54	178	780087	39.308	ng		98
72) Carbazole	17.81	167	728478	38.653	ng		99
73) Di-n-butylphthalate	18.36	149	844285	37.908	ng	#	98
74) Fluoranthene	19.46	202	1006155	37.478	ng		97
76) Benzidine	19.63	184	357674	32.485	ng		99
77) Pyrene	19.81	202	1035335	39.096	ng		97
79) Butylbenzylphthalate	20.69	149	386288	40.791	ng		97
80) Benzo(a)anthracene	21.65	228	1011235	38.746	ng		100
81) 3,3'-Dichlorobenzidine	21.57	252	369803	40.637	ng		94
82) Chrysene	21.72	228	956252	39.539	ng		97
83) Bis(2-ethylhexyl)phthalate	21.55	149	538497	41.827	ng		97
84) Di-n-octyl phthalate	22.76	149	918521	42.610	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.53	276	1100168	41.087	ng	#	90
87) Benzo(b)fluoranthene	23.86	252	999328	39.122	ng	#	97
88) Benzo(k)fluoranthene	23.93	252	966878	38.717	ng	#	96
89) Benzo(a)pyrene	24.72	252	938600	39.496	ng	#	95
90) Dibenzo(a,h)anthracene	28.60	278	934403	40.051	ng	#	96
91) Benzo(g,h,i)perylene	29.68	276	912957	39.990	ng	#	92

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

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