Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
Data File : BG046641.D
Acq On : 16 Sep 2020 14:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/18/2020 11:27:26 AM

Quant Time: Sep 16 17:37:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 13:09:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	73292	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	326960	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	238744	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	582326	20.00	ng	0.00
76) Chrysene-d12	21.54	240	427376	20.00	ng	0.00
86) Perylene-d12	24.63	264	429708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	326930	79.01	ng	0.00
7) Phenol-d6	7.10	99	515800	87.93	ng	0.00
23) Nitrobenzene-d5	9.08	82	459208	80.27	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	264207	81.68	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1242850	79.47	ng	0.00
79) Terphenyl-d14	19.91	244	1849020	92.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	64571	37.507	ng	98
3) Pyridine	3.80	79	215098	42.704	ng	99
4) n-Nitrosodimethylamine	3.72	42	78416	42.210	ng	97
6) Aniline	7.25	93	286031	43.331	ng	100
8) 2-Chlorophenol	7.49	128	182248	41.671	ng	100
9) Benzaldehyde	7.06	77	147302	44.820	ng	96
10) Phenol	7.12	94	240482	44.509	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	188615	43.430	ng	98
12) 1,3-Dichlorobenzene	7.81	146	220440	39.700	ng	99
13) 1,4-Dichlorobenzene	7.96	146	223569	40.218	ng	98
14) 1,2-Dichlorobenzene	8.28	146	216401	40.599	ng	97
15) Benzyl Alcohol	8.16	79	178073	47.283	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	297336	44.139	ng	99
17) 2-Methylphenol	8.37	107	173460	45.269	ng	98
18) Hexachloroethane	9.00	117	75925	40.282	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	166670	47.500	ng	98
20) 3+4-Methylphenols	8.70	107	245936	46.501	ng	99
22) Acetophenone	8.74	105	324304	40.747	ng	99
24) Nitrobenzene	9.12	77	230638	40.809	ng	99
25) Isophorone	9.65	82	444521	42.384	ng	100
26) 2-Nitrophenol	9.83	139	124437	41.732	ng	98
27) 2,4-Dimethylphenol	9.90	122	171959	41.929	ng	97
28) bis(2-Chloroethoxy)methane	10.13	93	284884	42.202	ng	99
29) 2,4-Dichlorophenol	10.37	162	230804	42.216	ng	100
30) 1,2,4-Trichlorobenzene	10.59	180	255617	39.405	ng	97
31) Naphthalene	10.77	128	647015	40.529	ng	99
32) Benzoic acid	10.06	122	69948	27.895	ng	98
33) 4-Chloroaniline	10.87	127	303228	43.075	ng	99
34) Hexachlorobutadiene	11.06	225	164923	39.165	ng	99
35) Caprolactam	11.66	113	85748	41.958	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	233631	43.692	ng	95
37) 2-Methylnaphthalene	12.38	142	527443	41.892	ng	100
38) 1-Methylnaphthalene	12.59	142	497806	41.740	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	316543	40.207	ng	99

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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)
41) Hexachlorocyclopentadiene	12.73	237	140369	41.004	ng		96
43) 2,4,6-Trichlorophenol	12.99	196	217341	40.908	ng		99
44) 2,4,5-Trichlorophenol	13.06	196	226032	40.493	ng		99
46) 1,1'-Biphenyl	13.39	154	684417	41.204	ng		100
47) 2-Chloronaphthalene	13.43	162	573542	40.725	ng		100
48) 2-Nitroaniline	13.63	65	166381	42.546	ng		99
49) Acenaphthylene	14.28	152	873305	40.879	ng		100
50) Dimethylphthalate	14.01	163	738489	39.982	ng		99
51) 2,6-Dinitrotoluene	14.13	165	167313	41.094	ng		99
52) Acenaphthene	14.62	154	604460m	45.659	ng		
53) 3-Nitroaniline	14.46	138	181782	41.218	ng		100
54) 2,4-Dinitrophenol	14.67	184	126288	53.139	ng		98
55) Dibenzofuran	14.95	168	863505	40.644	ng		99
56) 4-Nitrophenol	14.78	139	114358	35.233	ng		96
57) 2,4-Dinitrotoluene	14.92	165	244777	42.163	ng		98
58) Fluorene	15.60	166	716243	40.167	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	224461	41.409	ng		99
60) Diethylphthalate	15.37	149	731484	40.619	ng		99
61) 4-Chlorophenyl-phenylether	15.59	204	398850	40.614	ng		97
62) 4-Nitroaniline	15.62	138	184175	39.578	ng		95
63) Azobenzene	15.88	77	605376	41.326	ng		97
65) 4,6-Dinitro-2-methylphenol	15.69	198	128495	38.985	ng		97
66) n-Nitrosodiphenylamine	15.81	169	647397	41.209	ng		100
67) 4-Bromophenyl-phenylether	16.48	248	287533	42.323	ng		97
68) Hexachlorobenzene	16.61	284	307423	40.858	ng		98
69) Atrazine	16.76	200	265300	41.396	ng		99
70) Pentachlorophenol	16.95	266	127271	32.375	ng		98
71) Phenanthrene	17.34	178	1185480	40.164	ng		99
72) Anthracene	17.43	178	1165669	40.027	ng		98
73) Carbazole	17.69	167	1043457	37.950	ng		99
74) Di-n-butylphthalate	18.26	149	1267054	40.075	ng		98
75) Fluoranthene	19.35	202	1355797	35.693	ng		100
77) Benzidine	19.53	184	359137	36.164	ng		98
78) Pyrene	19.71	202	1316557	48.376	ng		99
80) Butylbenzylphthalate	20.60	149	457206	43.070	ng		98
81) Benzo(a)anthracene	21.53	228	1080851	40.575	ng		98
82) 3,3'-Dichlorobenzidine	21.44	252	387343	39.183	ng		99
83) Chrysene	21.59	228	1044621	40.768	ng		98
84) Bis(2-ethylhexyl)phthalate	21.44	149	594542	41.041	ng		100
85) Di-n-octyl phthalate	22.61	149	1025002	41.323	ng		99
87) Indeno(1,2,3-cd)pyrene	28.15	276	1296164	41.998	ng	#	93
88) Benzo(b)fluoranthene	23.66	252	1109457	41.349	ng		99
89) Benzo(k)fluoranthene	23.72	252	1058169	40.806	ng		100
90) Benzo(a)pyrene	24.49	252	1042319	41.627	ng		100
91) Dibenzo(a,h)anthracene	28.20	278	1046582	42.023	ng		99
92) Benzo(g,h,i)perylene	29.23	276	1038799	41.769	ng		98

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

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