Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080520\
Data File : BF121184.D
Acq On : 5 Aug 2020 9:52
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/6/2020 1:20:52 PM

Quant Time: Aug 05 11:27:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142753	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	521210	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	266260	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	497545	20.00	ng		0.00
76) Chrysene-d12	13.97	240	389537	20.00	ng		0.00
86) Perylene-d12	15.42	264	364538	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	677085	77.76	ng		-0.01
7) Phenol-d6	6.44	99	864290	76.84	ng		0.00
23) Nitrobenzene-d5	7.36	82	730632	81.11	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	242343	83.15	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1284619	72.03	ng		0.00
79) Terphenyl-d14	12.91	244	1373804	76.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	157848	39.387	ng		100
3) Pyridine	3.23	79	436527	40.946	ng		99
4) n-Nitrosodimethylamine	3.19	42	169437	37.167	ng		97
6) Aniline	6.46	93	524734	35.738	ng	#	91
8) 2-Chlorophenol	6.59	128	377597	39.362	ng		96
9) Benzaldehyde	6.35	77	223752	41.454	ng		100
10) Phenol	6.45	94	461519	37.299	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	367689	38.774	ng		98
12) 1,3-Dichlorobenzene	6.73	146	408633	39.284	ng		98
13) 1,4-Dichlorobenzene	6.82	146	409746	39.614	ng		98
14) 1,2-Dichlorobenzene	6.97	146	377765	38.606	ng		98
15) Benzyl Alcohol	6.94	79	288790	36.304	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	508305	37.189	ng		98
17) 2-Methylphenol	7.06	107	328270	38.609	ng		99
18) Hexachloroethane	7.31	117	150963	40.325	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	228811	35.773	ng		100
20) 3+4-Methylphenols	7.21	107	374847	34.657	ng		95
22) Acetophenone	7.21	105	456618	39.035	ng	#	99
24) Nitrobenzene	7.38	77	390273	40.199	ng		98
25) Isophorone	7.62	82	693204	38.560	ng		98
26) 2-Nitrophenol	7.70	139	206745	44.839	ng		97
27) 2,4-Dimethylphenol	7.74	122	295254	39.440	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	431285	39.302	ng		100
29) 2,4-Dichlorophenol	7.94	162	310347	40.569	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	339861	40.044	ng		99
31) Naphthalene	8.10	128	1054842	39.455	ng		99
32) Benzoic acid	7.87	122	214225m	38.121	ng		
33) 4-Chloroaniline	8.15	127	462394	38.770	ng		98
34) Hexachlorobutadiene	8.22	225	201156	40.205	ng		100
35) Caprolactam	8.53	113	98641	40.209	ng		88
36) 4-Chloro-3-methylphenol	8.64	107	315568	40.222	ng		99
37) 2-Methylnaphthalene	8.79	142	696485	40.121	ng		99
38) 1-Methylnaphthalene	8.89	142	647215	39.365	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	323284	41.673	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	8.95	237	147710	34.451 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	213909	39.162 ng	98
44) 2,4,5-Trichlorophenol	9.12	196	247879	40.007 ng	99
46) 1,1'-Biphenyl	9.26	154	811196	39.940 ng	100
47) 2-Chloronaphthalene	9.29	162	656986	39.675 ng	100
48) 2-Nitroaniline	9.39	65	208622	41.689 ng	92
49) Acenaphthylene	9.70	152	1019865	39.645 ng	99
50) Dimethylphthalate	9.56	163	773777	40.282 ng	99
51) 2,6-Dinitrotoluene	9.63	165	172980	41.916 ng	93
52) Acenaphthene	9.87	154	605395	37.016 ng	100
53) 3-Nitroaniline	9.80	138	211290	40.822 ng	97
54) 2,4-Dinitrophenol	9.90	184	81537	38.226 ng	92
55) Dibenzofuran	10.05	168	914565	38.669 ng	98
56) 4-Nitrophenol	9.97	139	132404	33.676 ng	98
57) 2,4-Dinitrotoluene	10.03	165	229335	42.317 ng	96
58) Fluorene	10.39	166	689697	39.099 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	180857	38.338 ng	99
60) Diethylphthalate	10.26	149	750529	38.628 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	350422	37.245 ng	98
62) 4-Nitroaniline	10.41	138	212580	42.164 ng	96
63) Azobenzene	10.54	77	706089	38.173 ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	120536	42.350 ng	90
66) n-Nitrosodiphenylamine	10.50	169	637796	40.749 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	231329	41.702 ng	96
68) Hexachlorobenzene	10.94	284	250709	41.780 ng	99
69) Atrazine	11.03	200	150879	38.924 ng	99
70) Pentachlorophenol	11.13	266	141381	41.127 ng	99
71) Phenanthrene	11.35	178	1017925	39.780 ng	100
72) Anthracene	11.40	178	1044590	40.654 ng	99
73) Carbazole	11.56	167	1031149	40.438 ng	100
74) Di-n-butylphthalate	11.89	149	1132016	38.469 ng	99
75) Fluoranthene	12.54	202	1120517	39.506 ng	99
77) Benzidine	12.66	184	373295	36.449 ng	98
78) Pyrene	12.77	202	1164393	42.279 ng	99
80) Butylbenzylphthalate	13.39	149	497006	40.482 ng	99
81) Benzo(a)anthracene	13.96	228	992181	42.062 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	359947	40.447 ng	98
83) Chrysene	13.99	228	982103	39.619 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	623652	41.195 ng	99
85) Di-n-octyl phthalate	14.55	149	1078325	35.802 ng	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	887490	35.006 ng	100
88) Benzo(b)fluoranthene	15.00	252	959557	43.547 ng	100
89) Benzo(k)fluoranthene	15.03	252	906321	45.100 ng	100
90) Benzo(a)pyrene	15.36	252	857984	42.677 ng	99
91) Dibenzo(a,h)anthracene	16.86	278	725519	35.034 ng	99
92) Benzo(g,h,i)perylene	17.28	276	706026	34.577 ng	98

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

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