Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121208.D
Acq On : 6 Aug 2020 18:12
Operator : JU/CG
Sample : L3553-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JB-1AMS

Manual Integrations APPROVED
mohammad
8/7/2020 1:50:56 PM

Quant Time: Aug 06 19:11:49 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	6.79	152	142025	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	559833	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	293976	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	556096	20.00	ng		0.00
76) Chrysene-d12	13.97	240	326250	20.00	ng		0.00
86) Perylene-d12	15.42	264	377934	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	887213	102.41	ng		0.00
7) Phenol-d6	6.44	99	1099490	98.25	ng		0.00
23) Nitrobenzene-d5	7.36	82	738199	76.30	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	315916	98.18	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1277463	64.88	ng		0.00
79) Terphenyl-d14	12.91	244	1180926	78.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	141521	35.494	ng		99
3) Pyridine	3.26	79	301431	28.419	ng		99
4) n-Nitrosodimethylamine	3.20	42	177175	39.064	ng		93
6) Aniline	6.46	93	306829	21.004	ng	#	81
8) 2-Chlorophenol	6.58	128	388766	40.734	ng		99
9) Benzaldehyde	6.34	77	255033	50.335	ng		97
10) Phenol	6.45	94	449931	36.549	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	382071	40.497	ng		97
12) 1,3-Dichlorobenzene	6.73	146	392333	37.910	ng		99
13) 1,4-Dichlorobenzene	6.81	146	398357	38.710	ng		100
14) 1,2-Dichlorobenzene	6.96	146	383117	39.353	ng		99
15) Benzyl Alcohol	6.94	79	312006	39.424	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	506727	37.263	ng		86
17) 2-Methylphenol	7.06	107	302891	35.807	ng		99
18) Hexachloroethane	7.30	117	141987	38.121	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	239936	37.705	ng		96
20) 3+4-Methylphenols	7.21	107	368101	34.208	ng		97
22) Acetophenone	7.20	105	497855	39.624	ng		94
24) Nitrobenzene	7.38	77	389593	37.361	ng		99
25) Isophorone	7.62	82	700944	36.301	ng		96
26) 2-Nitrophenol	7.69	139	208666	42.133	ng		96
27) 2,4-Dimethylphenol	7.74	122	319044	39.677	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	455974	38.685	ng		100
29) 2,4-Dichlorophenol	7.94	162	324888	39.540	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	337899	37.066	ng		99
31) Naphthalene	8.10	128	1099498	38.288	ng		100
32) Benzoic acid	7.82	122	16602m	2.750	ng		
33) 4-Chloroaniline	8.15	127	210366	16.422	ng		98
34) Hexachlorobutadiene	8.22	225	190103	35.374	ng		98
35) Caprolactam	8.53	113	98605m	37.422	ng		
36) 4-Chloro-3-methylphenol	8.65	107	329638	39.117	ng		98
37) 2-Methylnaphthalene	8.79	142	741599	39.773	ng		99
38) 1-Methylnaphthalene	8.89	142	695553	39.387	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	335647	39.187	ng		100

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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)
41) Hexachlorocyclopentadiene	8.94	237	164424	34.734	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	231135	38.327	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	247019	36.110	ng		99
46) 1,1'-Biphenyl	9.26	154	871241	38.852	ng		99
47) 2-Chloronaphthalene	9.28	162	665887	36.422	ng		98
48) 2-Nitroaniline	9.38	65	215251	38.958	ng		96
49) Acenaphthylene	9.70	152	1096413	38.602	ng		99
50) Dimethylphthalate	9.56	163	1016803	47.943	ng		100
51) 2,6-Dinitrotoluene	9.62	165	179930	39.489	ng		95
52) Acenaphthene	9.87	154	779976m	43.194	ng		
53) 3-Nitroaniline	9.79	138	128454	22.478	ng		99
54) 2,4-Dinitrophenol	9.90	184	67247	30.284	ng		93
55) Dibenzofuran	10.04	168	994570	38.087	ng		100
56) 4-Nitrophenol	9.97	139	287861	66.313	ng		97
57) 2,4-Dinitrotoluene	10.03	165	225973	37.765	ng	#	86
58) Fluorene	10.39	166	815773	41.887	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	204960	39.351	ng		99
60) Diethylphthalate	10.26	149	781970	36.452	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	339714	32.703	ng		99
62) 4-Nitroaniline	10.41	138	186477	33.499	ng		97
63) Azobenzene	10.53	77	727559	35.625	ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	81952	27.267	ng		96
66) n-Nitrosodiphenylamine	10.50	169	661046	37.788	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	229249	36.975	ng		99
68) Hexachlorobenzene	10.93	284	247080	36.840	ng	#	92
69) Atrazine	11.03	200	186940	43.149	ng		99
70) Pentachlorophenol	11.14	266	275860	71.797	ng		99
71) Phenanthrene	11.36	178	2273362	79.488	ng		99
72) Anthracene	11.40	178	1436422	50.017	ng		100
73) Carbazole	11.56	167	1062272	37.272	ng		100
74) Di-n-butylphthalate	11.89	149	1182872	35.965	ng		99
75) Fluoranthene	12.55	202	2292496	72.316	ng		98
77) Benzidine	12.66	184	286565	33.408	ng		98
78) Pyrene	12.77	202	2362840	102.438	ng		98
80) Butylbenzylphthalate	13.38	149	457632	44.506	ng		96
81) Benzo(a)anthracene	13.96	228	1481158	74.972	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	258935	34.740	ng		99
83) Chrysene	14.00	228	1330149	64.068	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	575744	45.407	ng		99
85) Di-n-octyl phthalate	14.55	149	962509	38.155	ng		99
87) Indeno(1,2,3-cd)pyrene	16.87	276	1292673	49.181	ng		99
88) Benzo(b)fluoranthene	15.00	252	1516742	66.393	ng		98
89) Benzo(k)fluoranthene	15.03	252	954490	45.813	ng		98
90) Benzo(a)pyrene	15.36	252	1296874	62.222	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	811724	37.807	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1106950	52.290	ng		100

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

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