Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120225.D
Acq On : 27 Apr 2020 18:05
Operator : MA/SJ
Sample : L2405-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-7MS

Manual Integrations APPROVED
mohammad
4/28/2020 11:08:35 PM

Quant Time: Apr 28 01:41:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	132392	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	501308	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	257969	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	493722	20.00	ng		0.00
76) Chrysene-d12	13.83	240	332099	20.00	ng		-0.01
87) Perylene-d12	15.23	264	295804	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	219718	28.68	ng		0.00
7) Phenol-d6	6.32	99	183321	18.57	ng		-0.01
23) Nitrobenzene-d5	7.23	82	902506	93.14	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	196316	62.16	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1696855	93.39	ng		0.00
79) Terphenyl-d14	12.78	244	1885916	95.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	53900	15.797	ng		99
3) Pyridine	2.97	79	130385	13.928	ng		98
4) n-Nitrosodimethylamine	2.92	42	83965	17.554	ng		97
6) Aniline	6.32	93	362321	27.965	ng		96
8) 2-Chlorophenol	6.46	128	165322	19.314	ng		95
9) Benzaldehyde	6.21	77	207465	38.591	ng		98
10) Phenol	6.33	94	99853	8.916	ng	#	1
11) bis(2-Chloroethyl)ether	6.40	93	421151	48.706	ng		98
12) 1,3-Dichlorobenzene	6.60	146	414905	44.275	ng		98
13) 1,4-Dichlorobenzene	6.68	146	418657	43.858	ng		99
14) 1,2-Dichlorobenzene	6.83	146	398514	45.299	ng		100
15) Benzyl Alcohol	6.81	79	220698	28.785	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	722582	42.944	ng		71
17) 2-Methylphenol	6.94	107	148677	19.464	ng	#	73
18) Hexachloroethane	7.17	117	152972	42.879	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	316782	49.905	ng		98
20) 3+4-Methylphenols	7.09	107	159667	17.091	ng	#	83
22) Acetophenone	7.08	105	619558	52.778	ng	#	96
24) Nitrobenzene	7.25	77	469163	48.129	ng		99
25) Isophorone	7.49	82	860609	46.072	ng		99
26) 2-Nitrophenol	7.57	139	112391	23.078	ng		92
27) 2,4-Dimethylphenol	7.62	122	269387	36.676	ng		98
28) bis(2-Chloroethoxy)methane	7.70	93	542173	49.324	ng		98
29) 2,4-Dichlorophenol	7.82	162	165228	21.946	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	379530	44.490	ng		98
31) Naphthalene	7.97	128	1246576	47.263	ng		98
32) Benzoic acid	7.69	122	10549	1.635	ng		99
33) 4-Chloroaniline	8.03	127	412974	35.966	ng		97
34) Hexachlorobutadiene	8.09	225	209070	40.941	ng		98
35) Caprolactam	8.38	113	16925m	7.349	ng		
36) 4-Chloro-3-methylphenol	8.52	107	201082	24.669	ng		97
37) 2-Methylnaphthalene	8.66	142	853803	47.748	ng		99
38) 1-Methylnaphthalene	8.76	142	811984	48.177	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	381203	46.786	ng		100

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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	8.82	237	272323	58.777	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	121767	21.642	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	129283	20.401	ng		95
46) 1,1'-Biphenyl	9.13	154	1043744	47.935	ng		99
47) 2-Chloronaphthalene	9.15	162	810908	48.344	ng		99
48) 2-Nitroaniline	9.26	65	291895	48.021	ng		93
49) Acenaphthylene	9.57	152	1264136	49.556	ng		98
50) Dimethylphthalate	9.44	163	1148859	57.577	ng		100
51) 2,6-Dinitrotoluene	9.50	165	216533	49.556	ng	#	88
52) Acenaphthene	9.74	154	757650	44.525	ng		98
53) 3-Nitroaniline	9.67	138	195251	39.126	ng		96
54) 2,4-Dinitrophenol	9.77	184	50264	19.214	ng	#	87
55) Dibenzofuran	9.91	168	1156147	49.512	ng		99
56) 4-Nitrophenol	9.86	139	32821	8.839	ng		98
57) 2,4-Dinitrotoluene	9.90	165	282549	49.080	ng		97
58) Fluorene	10.26	166	905255	48.475	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	102903	21.232	ng		98
60) Diethylphthalate	10.13	149	995539	48.139	ng		99
61) 4-Chlorophenyl-phenylether	10.25	204	437062	45.663	ng		98
62) 4-Nitroaniline	10.28	138	228334	48.011	ng		98
63) Azobenzene	10.41	77	931222	50.245	ng		97
65) 4,6-Dinitro-2-methylphenol	10.31	198	50851	15.634	ng		79
66) n-Nitrosodiphenylamine	10.37	169	817467	49.785	ng		99
67) 4-Bromophenyl-phenylether	10.74	248	271476	44.215	ng		93
68) Hexachlorobenzene	10.80	284	289508	46.480	ng		93
69) Atrazine	10.90	200	253366	55.459	ng		99
70) Pentachlorophenol	11.00	266	101732	28.342	ng		98
71) Phenanthrene	11.22	178	1307413	49.756	ng		99
72) Anthracene	11.27	178	1354935	50.477	ng		98
73) Carbazole	11.43	167	1247204	49.132	ng		98
74) Di-n-butylphthalate	11.76	149	1589951	47.645	ng		99
75) Fluoranthene	12.40	202	1406658	49.614	ng		97
77) Benzidine	12.53	184	838429	74.687	ng		98
78) Pyrene	12.63	202	1390021	49.650	ng		97
80) Butylbenzylphthalate	13.26	149	652516	48.032	ng		96
81) Benzo(a)anthracene	13.82	228	1058345	48.442	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	367993	45.142	ng		99
83) Chrysene	13.86	228	1063727	47.918	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	868982	47.236	ng		99
85) Di-n-octyl phthalate	14.43	149	1464236	46.746	ng		98
86) Indeno(1,2,3-cd)pyrene	16.59	276	1008596	51.542	ng		99
88) Benzo(b)fluoranthene	14.84	252	988086	46.434	ng		99
89) Benzo(k)fluoranthene	14.87	252	942234	51.319	ng		99
90) Benzo(a)pyrene	15.18	252	863433	48.259	ng		97
91) Dibenzo(a,h)anthracene	16.61	278	852979	53.821	ng		99
92) Benzo(g,h,i)perylene	17.00	276	839821	53.684	ng		97

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

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