Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
Data File : BF118520.D
Acq On : 10 Jan 2020 17:48
Operator : JU
Sample : L1060-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
1/13/2020 2:21:44 PM

Quant Time: Jan 11 03:19:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	67648	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	291320	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	170049	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	316637	20.00	ng		0.00
76) Chrysene-d12	14.03	240	215408	20.00	ng		0.00
87) Perylene-d12	15.52	264	138496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	554933	135.41	ng		0.01
7) Phenol-d6	6.47	99	677214	138.22	ng		0.00
23) Nitrobenzene-d5	7.40	82	471370	85.00	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	257491	128.33	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1014629	85.57	ng		0.00
79) Terphenyl-d14	12.96	244	1137384	83.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	64261	47.036	ng		96
3) Pyridine	3.39	79	187993	51.119	ng		96
4) n-Nitrosodimethylamine	3.32	42	102086	55.395	ng		94
6) Aniline	6.50	93	71858	11.796	ng	#	72
8) 2-Chlorophenol	6.62	128	233918	52.207	ng		98
9) Benzaldehyde	6.38	77	117445	43.058	ng		98
10) Phenol	6.49	94	236375	43.539	ng		89
11) bis(2-Chloroethyl)ether	6.56	93	201352	52.022	ng		98
12) 1,3-Dichlorobenzene	6.77	146	234282	44.729	ng		99
13) 1,4-Dichlorobenzene	6.85	146	208541	39.021	ng		99
14) 1,2-Dichlorobenzene	7.00	146	210347	40.730	ng		100
15) Benzyl Alcohol	6.98	79	185134	46.583	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	189820	44.209	ng		74
17) 2-Methylphenol	7.09	107	169548	46.045	ng		94
18) Hexachloroethane	7.34	117	80463	39.735	ng	#	87
19) n-Nitroso-di-n-propylamine	7.25	70	150533	47.703	ng		98
20) 3+4-Methylphenols	7.26	107	227379	45.522	ng	#	56
22) Acetophenone	7.24	105	320016	43.337	ng	#	93
24) Nitrobenzene	7.42	77	238855	43.316	ng		96
25) Isophorone	7.66	82	415772	46.799	ng		99
26) 2-Nitrophenol	7.73	139	132353	48.612	ng		97
27) 2,4-Dimethylphenol	7.77	122	207576	56.693	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	255376	43.722	ng		99
29) 2,4-Dichlorophenol	7.98	162	169582	39.668	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	190098	38.285	ng		99
31) Naphthalene	8.14	128	631981	41.473	ng		99
32) Benzoic acid	7.93	122	8796m	9.499	ng		
33) 4-Chloroaniline	8.20	127	23644	3.769	ng		99
34) Hexachlorobutadiene	8.25	225	112271	36.836	ng		98
35) Caprolactam	8.56	113	48407m	37.590	ng		
36) 4-Chloro-3-methylphenol	8.69	107	193843	42.177	ng		97
37) 2-Methylnaphthalene	8.83	142	447765	42.814	ng		98
38) 1-Methylnaphthalene	8.93	142	422785	43.056	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	196750	37.657	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	98812	71.071 ng	97
43) 2,4,6-Trichlorophenol	9.12	196	138464	42.886 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	145760	43.627 ng	97
46) 1,1'-Biphenyl	9.30	154	574127	41.321 ng	99
47) 2-Chloronaphthalene	9.33	162	464506	42.239 ng	96
48) 2-Nitroaniline	9.43	65	125695	39.554 ng	98
49) Acenaphthylene	9.74	152	667638	40.785 ng	100
50) Dimethylphthalate	9.60	163	525895	40.294 ng	100
51) 2,6-Dinitrotoluene	9.67	165	117327	41.744 ng	98
52) Acenaphthene	9.91	154	416142	41.630 ng	98
53) 3-Nitroaniline	9.85	138	25083	7.619 ng	97
54) 2,4-Dinitrophenol	9.97	184	22603	22.181 ng	97
55) Dibenzofuran	10.09	168	554490	36.931 ng	96
56) 4-Nitrophenol	10.02	139	113490	70.995 ng	92
57) 2,4-Dinitrotoluene	10.08	165	141228	37.527 ng	95
58) Fluorene	10.43	166	513198	42.525 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	107815	38.159 ng	97
60) Diethylphthalate	10.30	149	508512	38.274 ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	256318	42.508 ng	98
62) 4-Nitroaniline	10.46	138	106455	33.023 ng	97
63) Azobenzene	10.58	77	406752	36.026 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	38981	23.288 ng	95
66) n-Nitrosodiphenylamine	10.54	169	457217	44.341 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	156977	42.326 ng	98
68) Hexachlorobenzene	10.99	284	178254	40.248 ng	98
69) Atrazine	11.07	200	134967	44.050 ng	99
70) Pentachlorophenol	11.19	266	113083	78.061 ng	97
71) Phenanthrene	11.40	178	753358	42.473 ng	100
72) Anthracene	11.45	178	778328	44.108 ng	99
73) Carbazole	11.61	167	726176	47.506 ng	99
74) Di-n-butylphthalate	11.93	149	793771	38.924 ng	98
75) Fluoranthene	12.60	202	685244	38.009 ng	97
77) Benzidine	12.72	184	158769	28.960 ng	97
78) Pyrene	12.83	202	695159	39.224 ng	99
80) Butylbenzylphthalate	13.44	149	367029	45.220 ng	92
81) Benzo(a)anthracene	14.02	228	660165	43.785 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	39345	8.025 ng	93
83) Chrysene	14.06	228	612182	41.783 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	474690	43.074 ng	99
85) Di-n-octyl phthalate	14.61	149	692527	43.811 ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	576527	48.876 ng	100
88) Benzo(b)fluoranthene	15.08	252	548030	54.732 ng	99
89) Benzo(k)fluoranthene	15.11	252	482839	50.519 ng	98
90) Benzo(a)pyrene	15.46	252	463975	56.544 ng	97
91) Dibenzo(a,h)anthracene	17.03	278	489722	63.648 ng	98
92) Benzo(g,h,i)perylene	17.47	276	396771	54.424 ng	100

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

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