Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119992.D
Acq On : 15 Apr 2020 14:35
Operator : MA/SJ
Sample : L2115-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:52:50 PM

Quant Time: Apr 15 16:52:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	176027	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	680426	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	355026	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	687090	20.00	ng		0.00
76) Chrysene-d12	13.90	240	467642	20.00	ng		0.00
87) Perylene-d12	15.32	264	385671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1423114	139.72	ng		0.02
7) Phenol-d6	6.37	99	1676337	127.72	ng		0.00
23) Nitrobenzene-d5	7.30	82	1260462	95.83	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	554123	127.48	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2451443	98.04	ng		0.00
79) Terphenyl-d14	12.84	244	2621014	94.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	228813	50.436	ng	#	79
3) Pyridine	3.23	79	362519	29.125	ng		99
4) n-Nitrosodimethylamine	3.17	42	314654	49.477	ng		91
6) Aniline	6.39	93	313740	18.213	ng	#	83
8) 2-Chlorophenol	6.51	128	660081	58.000	ng		96
9) Benzaldehyde	6.27	77	179404	20.087	ng		98
10) Phenol	6.38	94	680367	45.693	ng		94
11) bis(2-Chloroethyl)ether	6.47	93	659701	57.381	ng		99
12) 1,3-Dichlorobenzene	6.67	146	676192	54.271	ng		99
13) 1,4-Dichlorobenzene	6.75	146	676754	53.321	ng		99
14) 1,2-Dichlorobenzene	6.90	146	631819	54.016	ng		98
15) Benzyl Alcohol	6.87	79	530042	51.995	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1106321	49.451	ng		94
17) 2-Methylphenol	6.99	107	528056	51.993	ng		97
18) Hexachloroethane	7.24	117	257998	54.392	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	463116	54.873	ng		96
20) 3+4-Methylphenols	7.15	107	618014	49.754	ng		94
22) Acetophenone	7.14	105	889207	55.808	ng	#	97
24) Nitrobenzene	7.32	77	701831	53.045	ng		96
25) Isophorone	7.56	82	1317225	51.953	ng		100
26) 2-Nitrophenol	7.63	139	366691	55.474	ng		98
27) 2,4-Dimethylphenol	7.67	122	549963	55.165	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	836711	56.082	ng		99
29) 2,4-Dichlorophenol	7.87	162	554985	54.310	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	598398	51.681	ng		100
31) Naphthalene	8.03	128	1898343	53.028	ng		99
32) Benzoic acid	7.81	122	424313	48.462	ng		98
33) 4-Chloroaniline	8.09	127	154748	9.929	ng		96
34) Hexachlorobutadiene	8.15	225	347164	50.087	ng		98
35) Caprolactam	8.47	113	139475m	44.619	ng		
36) 4-Chloro-3-methylphenol	8.57	107	604881	54.673	ng		97
37) 2-Methylnaphthalene	8.73	142	1313763	54.129	ng		98
38) 1-Methylnaphthalene	8.83	142	1236549	54.054	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	562805	50.191	ng		99

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Quant Time: Apr 15 16:52:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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	8.88	237	676829	106.148	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	411938	53.200	ng		98
44) 2,4,5-Trichlorophenol	9.05	196	452252	51.857	ng		98
46) 1,1'-Biphenyl	9.19	154	1581899	52.789	ng		98
47) 2-Chloronaphthalene	9.22	162	1231559	53.350	ng		97
48) 2-Nitroaniline	9.32	65	432527	51.704	ng		97
49) Acenaphthylene	9.63	152	1903153	54.210	ng		99
50) Dimethylphthalate	9.50	163	1464812	53.342	ng		99
51) 2,6-Dinitrotoluene	9.56	165	328650	54.653	ng		87
52) Acenaphthene	9.80	154	1172035	50.047	ng		100
53) 3-Nitroaniline	9.73	138	157546	22.939	ng		95
54) 2,4-Dinitrophenol	9.84	184	415001	115.270	ng		93
55) Dibenzofuran	9.98	168	1700027	52.901	ng		99
56) 4-Nitrophenol	9.90	139	446984	87.471	ng		94
57) 2,4-Dinitrotoluene	9.97	165	425815	53.746	ng		94
58) Fluorene	10.32	166	1317729	51.272	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	373187	55.949	ng		99
60) Diethylphthalate	10.20	149	1488294	52.292	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	641956	48.734	ng		99
62) 4-Nitroaniline	10.35	138	321419	49.108	ng		99
63) Azobenzene	10.47	77	1397208	54.778	ng		98
65) 4,6-Dinitro-2-methylphenol	10.37	198	260163	57.474	ng		83
66) n-Nitrosodiphenylamine	10.44	169	1211743	53.029	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	407034	47.636	ng		97
68) Hexachlorobenzene	10.87	284	436725	50.382	ng		98
69) Atrazine	10.97	200	345395	54.327	ng		98
70) Pentachlorophenol	11.07	266	483309	96.753	ng		99
71) Phenanthrene	11.28	178	1925104	52.645	ng		98
72) Anthracene	11.33	178	1980285	53.011	ng		100
73) Carbazole	11.49	167	1778106	50.333	ng		99
74) Di-n-butylphthalate	11.83	149	2337014	50.323	ng		99
75) Fluoranthene	12.47	202	2084344	52.827	ng		99
77) Benzidine	12.59	184	84030	5.316	ng		96
78) Pyrene	12.70	202	2074706	52.627	ng		98
80) Butylbenzylphthalate	13.32	149	969072	50.659	ng		99
81) Benzo(a)anthracene	13.89	228	1576568	51.246	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	278712	24.280	ng		97
83) Chrysene	13.93	228	1647986	52.720	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1242830	47.976	ng		98
85) Di-n-octyl phthalate	14.50	149	2186014	49.561	ng		98
86) Indeno(1,2,3-cd)pyrene	16.71	276	1320224	47.912	ng		97
88) Benzo(b)fluoranthene	14.92	252	1466698m	52.865	ng		
89) Benzo(k)fluoranthene	14.94	252	1393901	58.229	ng		98
90) Benzo(a)pyrene	15.26	252	1257373	53.901	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	1093633	52.927	ng		98
92) Benzo(g,h,i)perylene	17.13	276	1079802	52.940	ng	#	95

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

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