Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119991.D
Acq On : 15 Apr 2020 14:08
Operator : MA/SJ
Sample : L2115-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-041020MS

Manual Integrations APPROVED
mohammad
4/16/2020 12:52:47 PM

Quant Time: Apr 15 16:51:17 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	187807	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	730025	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	384923	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	738775	20.00	ng		0.00
76) Chrysene-d12	13.90	240	493036	20.00	ng		0.00
87) Perylene-d12	15.32	264	395056	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1539732	141.68	ng		0.02
7) Phenol-d6	6.37	99	1829582	130.66	ng		0.00
23) Nitrobenzene-d5	7.30	82	1331172	94.33	ng		0.00
42) 2,4,6-Tribromophenol	10.57	330	579021	122.86	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2484161	91.63	ng		0.00
79) Terphenyl-d14	12.85	244	2729319	93.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	241210	49.834	ng	#	80
3) Pyridine	3.25	79	422808	31.838	ng		94
4) n-Nitrosodimethylamine	3.18	42	337641	49.761	ng		93
6) Aniline	6.39	93	253626	13.800	ng	#	55
8) 2-Chlorophenol	6.52	128	699597	57.616	ng		99
9) Benzaldehyde	6.27	77	160038	15.557	ng		97
10) Phenol	6.39	94	732850	46.131	ng		90
11) bis(2-Chloroethyl)ether	6.47	93	677020	55.194	ng		99
12) 1,3-Dichlorobenzene	6.67	146	698596	52.552	ng		99
13) 1,4-Dichlorobenzene	6.75	146	705275	52.083	ng		100
14) 1,2-Dichlorobenzene	6.90	146	661837	53.033	ng		97
15) Benzyl Alcohol	6.87	79	521686	47.966	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1145522	47.992	ng		94
17) 2-Methylphenol	6.99	107	558940	51.582	ng		98
18) Hexachloroethane	7.24	117	269825	53.317	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	488652	54.267	ng		95
20) 3+4-Methylphenols	7.15	107	654513	49.387	ng		94
22) Acetophenone	7.15	105	925479	54.138	ng	#	99
24) Nitrobenzene	7.32	77	729532	51.392	ng		100
25) Isophorone	7.56	82	1366735	50.243	ng		100
26) 2-Nitrophenol	7.63	139	377629	53.247	ng		93
27) 2,4-Dimethylphenol	7.67	122	583175	54.522	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	854912	53.409	ng		99
29) 2,4-Dichlorophenol	7.87	162	575066	52.452	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	626472	50.429	ng		100
31) Naphthalene	8.03	128	1964328	51.143	ng		99
32) Benzoic acid	7.82	122	459547	48.920	ng		95
33) 4-Chloroaniline	8.09	127	94981	5.680	ng		97
34) Hexachlorobutadiene	8.16	225	354199	47.630	ng		97
35) Caprolactam	8.47	113	143857m	42.894	ng		
36) 4-Chloro-3-methylphenol	8.58	107	629607	53.042	ng		96
37) 2-Methylnaphthalene	8.73	142	1345230	51.660	ng		99
38) 1-Methylnaphthalene	8.83	142	1266117	51.586	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	577578	47.508	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	713271	103.175	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	426718	50.828	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	457128	48.345	ng		96
46) 1,1'-Biphenyl	9.20	154	1607831	49.487	ng		98
47) 2-Chloronaphthalene	9.22	162	1266131	50.588	ng		99
48) 2-Nitroaniline	9.32	65	443758	48.926	ng		97
49) Acenaphthylene	9.63	152	1961038	51.520	ng		99
50) Dimethylphthalate	9.50	163	1507432	50.630	ng		100
51) 2,6-Dinitrotoluene	9.56	165	332659	51.023	ng		96
52) Acenaphthene	9.80	154	1186176	46.717	ng		98
53) 3-Nitroaniline	9.73	138	94313	12.666	ng		96
54) 2,4-Dinitrophenol	9.85	184	437530	112.089	ng		93
55) Dibenzofuran	9.98	168	1742711	50.017	ng		99
56) 4-Nitrophenol	9.90	139	476844	86.067	ng		97
57) 2,4-Dinitrotoluene	9.97	165	439086	51.116	ng		93
58) Fluorene	10.32	166	1347455	48.356	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	386148	53.396	ng		97
60) Diethylphthalate	10.20	149	1523808	49.381	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	655152	45.873	ng		98
62) 4-Nitroaniline	10.35	138	291690	41.104	ng		99
63) Azobenzene	10.47	77	1435823	51.920	ng		98
65) 4,6-Dinitro-2-methylphenol	10.38	198	267566	54.974	ng		99
66) n-Nitrosodiphenylamine	10.44	169	1092194	44.453	ng		98
67) 4-Bromophenyl-phenylether	10.80	248	420244	45.741	ng		97
68) Hexachlorobenzene	10.87	284	449539	48.232	ng		99
69) Atrazine	10.97	200	256217	37.480	ng		95
70) Pentachlorophenol	11.07	266	506153	94.237	ng		100
71) Phenanthrene	11.29	178	1972939	50.178	ng		99
72) Anthracene	11.33	178	2040854	50.810	ng		100
73) Carbazole	11.49	167	1640544	43.191	ng		99
74) Di-n-butylphthalate	11.83	149	2401405	48.092	ng		100
75) Fluoranthene	12.47	202	2150348	50.687	ng		97
77) Benzidine	12.59	184	33382	2.003	ng		97
78) Pyrene	12.70	202	2135053	51.368	ng		99
80) Butylbenzylphthalate	13.33	149	1010637	50.110	ng		95
81) Benzo(a)anthracene	13.89	228	1602822	49.416	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	108062	8.929	ng		98
83) Chrysene	13.93	228	1730892	52.520	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1283493	46.994	ng	#	98
85) Di-n-octyl phthalate	14.50	149	2261826	48.638	ng		98
86) Indeno(1,2,3-cd)pyrene	16.71	276	1363059	46.919	ng		97
88) Benzo(b)fluoranthene	14.92	252	1515736	53.335	ng		98
89) Benzo(k)fluoranthene	14.94	252	1450958m	59.173	ng		
90) Benzo(a)pyrene	15.26	252	1288837	53.938	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	1142508	53.979	ng		97
92) Benzo(g,h,i)perylene	17.13	276	1099610	52.631	ng	#	94

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

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