Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119986.D
Acq On : 15 Apr 2020 11:52
Operator : MA/SJ
Sample : L2225-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C3-D3-C3A-D3AMSD

Manual Integrations APPROVED
mohammad
4/16/2020 12:52:38 PM

Quant Time: Apr 15 13:48:48 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	177587	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	686725	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	361669	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	691718	20.00	ng		0.00
76) Chrysene-d12	13.90	240	466084	20.00	ng		0.00
87) Perylene-d12	15.32	264	392299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1474030	143.44	ng		0.02
7) Phenol-d6	6.37	99	1690860	127.70	ng		0.00
23) Nitrobenzene-d5	7.30	82	1281717	96.56	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	557877	125.99	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2473113	97.09	ng		0.00
79) Terphenyl-d14	12.84	244	2644978	95.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	231361	50.550	ng	#	80
3) Pyridine	3.25	79	367154	29.238	ng		96
4) n-Nitrosodimethylamine	3.17	42	323441	50.412	ng		93
6) Aniline	6.39	93	306268	17.623	ng	#	86
8) 2-Chlorophenol	6.51	128	670026	58.357	ng		96
9) Benzaldehyde	6.27	77	195046	22.366	ng		98
10) Phenol	6.38	94	683352	45.490	ng		93
11) bis(2-Chloroethyl)ether	6.47	93	688374	59.349	ng		98
12) 1,3-Dichlorobenzene	6.67	146	686015	54.576	ng		98
13) 1,4-Dichlorobenzene	6.75	146	691345	53.992	ng		99
14) 1,2-Dichlorobenzene	6.90	146	642771	54.470	ng		96
15) Benzyl Alcohol	6.87	79	535345	52.054	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1129219	50.031	ng		96
17) 2-Methylphenol	6.99	107	535040	52.218	ng		97
18) Hexachloroethane	7.24	117	266142	55.616	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	478901	56.244	ng		96
20) 3+4-Methylphenols	7.15	107	633422	50.546	ng		98
22) Acetophenone	7.14	105	901555	56.064	ng	#	98
24) Nitrobenzene	7.32	77	712417	53.351	ng		97
25) Isophorone	7.56	82	1337114	52.254	ng		99
26) 2-Nitrophenol	7.63	139	370403	55.521	ng		97
27) 2,4-Dimethylphenol	7.67	122	564537	56.108	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	845007	56.119	ng		99
29) 2,4-Dichlorophenol	7.87	162	566126	54.892	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	605457	51.811	ng		98
31) Naphthalene	8.03	128	1925814	53.301	ng		100
32) Benzoic acid	7.81	122	407650	46.132	ng		96
33) 4-Chloroaniline	8.09	127	172562	10.971	ng		97
34) Hexachlorobutadiene	8.15	225	345818	49.436	ng		98
35) Caprolactam	8.47	113	134146m	42.521	ng		
36) 4-Chloro-3-methylphenol	8.57	107	610906	54.711	ng		98
37) 2-Methylnaphthalene	8.73	142	1325010	54.092	ng		99
38) 1-Methylnaphthalene	8.83	142	1253604	54.297	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	565764	49.528	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	696096	107.165	ng		98
43) 2,4,6-Trichlorophenol	9.01	196	425852	53.986	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	453527	51.048	ng		96
46) 1,1'-Biphenyl	9.19	154	1607975	52.674	ng		98
47) 2-Chloronaphthalene	9.22	162	1243611	52.883	ng		97
48) 2-Nitroaniline	9.32	65	438864	51.498	ng		98
49) Acenaphthylene	9.63	152	1910881	53.431	ng		100
50) Dimethylphthalate	9.50	163	1472829	52.649	ng		99
51) 2,6-Dinitrotoluene	9.56	165	326357	53.274	ng	#	85
52) Acenaphthene	9.80	154	1177041	49.338	ng		99
53) 3-Nitroaniline	9.73	138	151235	21.616	ng		95
54) 2,4-Dinitrophenol	9.84	184	418307	114.054	ng		95
55) Dibenzofuran	9.98	168	1705106	52.084	ng		100
56) 4-Nitrophenol	9.90	139	464871	89.300	ng		91
57) 2,4-Dinitrotoluene	9.97	165	424488	52.594	ng		97
58) Fluorene	10.32	166	1332535	50.895	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	383334	56.415	ng		97
60) Diethylphthalate	10.20	149	1504252	51.882	ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	643353	47.943	ng		98
62) 4-Nitroaniline	10.35	138	328940	49.334	ng		97
63) Azobenzene	10.47	77	1412227	54.350	ng		98
65) 4,6-Dinitro-2-methylphenol	10.37	198	264521	58.046	ng		85
66) n-Nitrosodiphenylamine	10.44	169	1222622	53.147	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	406718	47.281	ng		99
68) Hexachlorobenzene	10.87	284	436495	50.019	ng		99
69) Atrazine	10.97	200	343134	53.610	ng		96
70) Pentachlorophenol	11.06	266	489769	97.390	ng		99
71) Phenanthrene	11.28	178	1934833	52.557	ng		97
72) Anthracene	11.33	178	1986190	52.814	ng		100
73) Carbazole	11.49	167	1803675	50.716	ng		99
74) Di-n-butylphthalate	11.83	149	2347310	50.207	ng		99
75) Fluoranthene	12.47	202	2081787	52.409	ng		99
77) Benzidine	12.59	184	70638	4.484	ng		100
78) Pyrene	12.70	202	2096055	53.346	ng		99
80) Butylbenzylphthalate	13.32	149	976406	51.213	ng		99
81) Benzo(a)anthracene	13.89	228	1581178	51.568	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	265129	23.174	ng		96
83) Chrysene	13.93	228	1663246	53.386	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1247656	48.323	ng		99
85) Di-n-octyl phthalate	14.50	149	2169363	49.348	ng		98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1337719	48.710	ng		97
88) Benzo(b)fluoranthene	14.92	252	1512597	53.598	ng		99
89) Benzo(k)fluoranthene	14.94	252	1368192	56.189	ng		99
90) Benzo(a)pyrene	15.26	252	1273444	53.668	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	1120902	53.330	ng		98
92) Benzo(g,h,i)perylene	17.13	276	1086633	52.375	ng	#	94

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

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