Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071320\
Data File : BF120853.D
Acq On : 13 Jul 2020 15:13
Operator : JU/CG
Sample : L3184-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-070920MSD

Manual Integrations APPROVED
mohammad
7/14/2020 12:01:50 PM

Quant Time: Jul 13 15:42:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	190493	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	718435	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	362446	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	675056	20.00	ng		0.00
76) Chrysene-d12	14.00	240	493667	20.00	ng		0.00
86) Perylene-d12	15.45	264	413340	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1404175	113.79	ng		0.02
7) Phenol-d6	6.47	99	1537203	97.54	ng		0.00
23) Nitrobenzene-d5	7.40	82	1241965	100.16	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	524252	143.97	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2041380	85.21	ng		0.00
79) Terphenyl-d14	12.94	244	2178449	86.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	232475	41.241	ng		97
3) Pyridine	3.42	79	553162	35.825	ng		97
4) n-Nitrosodimethylamine	3.35	42	308327	39.916	ng		88
6) Aniline	6.50	93	618302	30.550	ng		97
8) 2-Chlorophenol	6.62	128	611041	46.508	ng		99
9) Benzaldehyde	6.38	77	103709	11.065	ng		96
10) Phenol	6.48	94	618308	38.140	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	590219	44.741	ng		100
12) 1,3-Dichlorobenzene	6.77	146	623876	43.141	ng		98
13) 1,4-Dichlorobenzene	6.85	146	632703	43.682	ng		98
14) 1,2-Dichlorobenzene	7.00	146	575954	41.795	ng		99
15) Benzyl Alcohol	6.97	79	484316	40.903	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	833357	40.500	ng		98
17) 2-Methylphenol	7.09	107	475942	40.493	ng		97
18) Hexachloroethane	7.35	117	236265	43.399	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	393185	41.437	ng		95
20) 3+4-Methylphenols	7.24	107	516485	35.678	ng	#	88
22) Acetophenone	7.25	105	742293	41.567	ng	#	93
24) Nitrobenzene	7.42	77	634979	45.607	ng		96
25) Isophorone	7.66	82	1145833	42.848	ng		100
26) 2-Nitrophenol	7.73	139	313882	53.161	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	502778	47.098	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	720098	45.498	ng		100
29) 2,4-Dichlorophenol	7.97	162	496588	46.597	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	539086	45.037	ng		99
31) Naphthalene	8.14	128	1661183	43.266	ng		99
32) Benzoic acid	7.89	122	325112	43.505	ng		94
33) 4-Chloroaniline	8.18	127	348714	21.403	ng		97
34) Hexachlorobutadiene	8.26	225	306185	42.532	ng		99
35) Caprolactam	8.56	113	117114m	37.715	ng		
36) 4-Chloro-3-methylphenol	8.67	107	517049	46.641	ng		93
37) 2-Methylnaphthalene	8.83	142	1123021	44.994	ng		99
38) 1-Methylnaphthalene	8.93	142	1073791	45.929	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	476618	43.511	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	477546	73.786	ng		97
43) 2,4,6-Trichlorophenol	9.11	196	367992	49.301	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	391019	47.204	ng		98
46) 1,1'-Biphenyl	9.30	154	1290576	44.143	ng		98
47) 2-Chloronaphthalene	9.32	162	1047239	44.712	ng		98
48) 2-Nitroaniline	9.42	65	338240	48.217	ng		91
49) Acenaphthylene	9.74	152	1636163	44.557	ng		100
50) Dimethylphthalate	9.60	163	1455999	55.069	ng		99
51) 2,6-Dinitrotoluene	9.66	165	274071	51.961	ng		88
52) Acenaphthene	9.91	154	1116510	49.011	ng		99
53) 3-Nitroaniline	9.82	138	214385	33.929	ng		97
54) 2,4-Dinitrophenol	9.93	184	256589	118.863	ng	#	82
55) Dibenzofuran	10.08	168	1473773	44.881	ng		98
56) 4-Nitrophenol	9.99	139	409718	84.381	ng		89
57) 2,4-Dinitrotoluene	10.06	165	362208	54.868	ng	#	81
58) Fluorene	10.42	166	1031393	42.198	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	326406	52.951	ng		96
60) Diethylphthalate	10.30	149	1228318	44.597	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	495744	40.347	ng		96
62) 4-Nitroaniline	10.45	138	299751	53.359	ng		87
63) Azobenzene	10.57	77	1188849	42.196	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	179388	60.975	ng	#	75
66) n-Nitrosodiphenylamine	10.53	169	1026064	45.348	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	341670	43.632	ng		99
68) Hexachlorobenzene	10.97	284	389382	47.387	ng		93
69) Atrazine	11.06	200	283756	48.680	ng		100
70) Pentachlorophenol	11.16	266	440191	94.684	ng		99
71) Phenanthrene	11.39	178	1599924	43.681	ng		99
72) Anthracene	11.44	178	1655716	44.734	ng		100
73) Carbazole	11.59	167	1579264	44.401	ng		100
74) Di-n-butylphthalate	11.92	149	1844422	41.885	ng		99
75) Fluoranthene	12.57	202	1772735	45.433	ng		99
77) Benzidine	12.69	184	648959	46.573	ng		99
78) Pyrene	12.80	202	1812363	45.967	ng		100
80) Butylbenzylphthalate	13.42	149	795206	46.716	ng		99
81) Benzo(a)anthracene	13.99	228	1340195	42.351	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	383958	35.954	ng		98
83) Chrysene	14.03	228	1483454	45.958	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	869282	38.943	ng		98
85) Di-n-octyl phthalate	14.60	149	1742383	44.123	ng		97
87) Indeno(1,2,3-cd)pyrene	16.90	276	1223795	46.160	ng		100
88) Benzo(b)fluoranthene	15.03	252	1352038	49.755	ng		99
89) Benzo(k)fluoranthene	15.06	252	1284240	48.568	ng		98
90) Benzo(a)pyrene	15.39	252	1143453	47.171	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	1029132	46.573	ng		99
92) Benzo(g,h,i)perylene	17.33	276	990471	49.045	ng		99

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

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