Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
Data File : BF121067.D
Acq On : 28 Jul 2020 13:50
Operator : JU/CG
Sample : L3435-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1MSD

Manual Integrations APPROVED
mohammad
7/29/2020 11:47:24 AM

Quant Time: Jul 28 14:15:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	158542	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	619905	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	332224	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	649724	20.00	ng		0.00
76) Chrysene-d12	13.97	240	507950	20.00	ng		0.00
86) Perylene-d12	15.42	264	506623	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1311181	135.58	ng		0.02
7) Phenol-d6	6.46	99	1666739	133.42	ng		0.01
23) Nitrobenzene-d5	7.38	82	1069061	99.79	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	511504	140.66	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1805644	81.15	ng		0.00
79) Terphenyl-d14	12.93	244	1904418	81.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	194362	43.668	ng		98
3) Pyridine	3.34	79	452558	38.222	ng		98
4) n-Nitrosodimethylamine	3.28	42	228673	45.166	ng		95
6) Aniline	6.47	93	444695	27.270	ng	#	83
8) 2-Chlorophenol	6.60	128	516245	48.456	ng		100
9) Benzaldehyde	6.36	77	342569	68.217	ng		99
10) Phenol	6.47	94	573856	41.759	ng		89
11) bis(2-Chloroethyl)ether	6.55	93	484704	46.023	ng		99
12) 1,3-Dichlorobenzene	6.76	146	509977	44.144	ng		98
13) 1,4-Dichlorobenzene	6.83	146	519154	45.193	ng		98
14) 1,2-Dichlorobenzene	6.99	146	501879	46.182	ng		98
15) Benzyl Alcohol	6.96	79	409589	46.362	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	661614	43.585	ng		98
17) 2-Methylphenol	7.07	107	409991	43.418	ng		99
18) Hexachloroethane	7.33	117	193322	46.497	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	315789	44.455	ng		98
20) 3+4-Methylphenols	7.23	107	445231	37.065	ng	#	88
22) Acetophenone	7.23	105	621200	44.650	ng		94
24) Nitrobenzene	7.40	77	509772	44.148	ng		99
25) Isophorone	7.64	82	950380	44.449	ng		99
26) 2-Nitrophenol	7.72	139	275270	50.195	ng		98
27) 2,4-Dimethylphenol	7.76	122	440093	49.428	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	603130	46.211	ng		100
29) 2,4-Dichlorophenol	7.96	162	427064	46.938	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	450717	44.650	ng		99
31) Naphthalene	8.12	128	1399537	44.013	ng		100
32) Benzoic acid	7.89	122	327411	48.986	ng		95
33) 4-Chloroaniline	8.17	127	203093	14.317	ng		98
34) Hexachlorobutadiene	8.24	225	255527	42.941	ng		100
35) Caprolactam	8.55	113	142968m	49.000	ng		
36) 4-Chloro-3-methylphenol	8.66	107	450954	48.327	ng		99
37) 2-Methylnaphthalene	8.81	142	966322	46.803	ng		99
38) 1-Methylnaphthalene	8.91	142	897240	45.884	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	425804	43.990	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	442646	82.742	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	315445	46.285	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	332955	43.069	ng		99
46) 1,1'-Biphenyl	9.27	154	1146914	45.257	ng		99
47) 2-Chloronaphthalene	9.30	162	891360	43.141	ng		100
48) 2-Nitroaniline	9.40	65	286421	45.871	ng		95
49) Acenaphthylene	9.72	152	1424418	44.377	ng		99
50) Dimethylphthalate	9.58	163	1330911	55.529	ng		99
51) 2,6-Dinitrotoluene	9.64	165	245953	47.765	ng		94
52) Acenaphthene	9.89	154	969509m	47.509	ng		
53) 3-Nitroaniline	9.80	138	131144	20.307	ng		97
54) 2,4-Dinitrophenol	9.92	184	243059	81.834	ng		91
55) Dibenzofuran	10.06	168	1276722	43.263	ng		98
56) 4-Nitrophenol	9.98	139	426137	86.865	ng		96
57) 2,4-Dinitrotoluene	10.05	165	329437	48.718	ng		97
58) Fluorene	10.40	166	906470	41.185	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	295374	50.182	ng		96
60) Diethylphthalate	10.28	149	1094833	45.161	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	445981	37.990	ng		99
62) 4-Nitroaniline	10.43	138	267431	42.511	ng		97
63) Azobenzene	10.55	77	1002931	43.455	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	169712	45.362	ng		95
66) n-Nitrosodiphenylamine	10.52	169	913685	44.703	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	314093	43.360	ng		98
68) Hexachlorobenzene	10.95	284	357104	45.572	ng	#	88
69) Atrazine	11.05	200	261939	51.747	ng		99
70) Pentachlorophenol	11.15	266	422756	94.173	ng		99
71) Phenanthrene	11.36	178	1431650	42.844	ng		99
72) Anthracene	11.42	178	1498681	44.665	ng		99
73) Carbazole	11.57	167	1435721	43.116	ng		99
74) Di-n-butylphthalate	11.90	149	1736198	45.181	ng		99
75) Fluoranthene	12.55	202	1616205	43.636	ng		98
77) Benzidine	12.67	184	796558	59.645	ng		99
78) Pyrene	12.78	202	1657803	46.163	ng		100
80) Butylbenzylphthalate	13.40	149	792218	49.485	ng		97
81) Benzo(a)anthracene	13.97	228	1307162	42.497	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	411773	35.484	ng		99
83) Chrysene	14.00	228	1461056	45.200	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	937632	47.496	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1871858	47.660	ng		98
87) Indeno(1,2,3-cd)pyrene	16.86	276	1507436	42.784	ng		99
88) Benzo(b)fluoranthene	15.00	252	1536750	50.182	ng		99
89) Benzo(k)fluoranthene	15.04	252	1264873	45.290	ng		98
90) Benzo(a)pyrene	15.36	252	1280576	45.833	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1255492	43.623	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1251694	44.108	ng		99

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

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