Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107815.D
Acq On : 30 Jul 2018 22:07
Operator : JU/SJ
Sample : J4164-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-6(7-9)MSD

Manual Integrations APPROVED
Sohil
7/31/2018 2:42:44 PM

Quant Time: Jul 31 03:36:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	211643	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	811182	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	349775	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	604530	20.00	ng		0.00
75) Chrysene-d12	14.15	240	420804	20.00	ng		0.00
86) Perylene-d12	15.68	264	544517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1414474	113.59	ng		0.01
7) Phenol-d6	6.61	99	1725422	105.13	ng		0.00
23) Nitrobenzene-d5	7.53	82	1159349	82.34	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	489664	103.03	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1962386	78.18	ng		0.00
78) Terphenyl-d14	13.08	244	1615053	83.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	178038	32.588	ng	#	85
3) Pyridine	3.64	79	448111	32.914	ng	#	83
4) n-Nitrosodimethylamine	3.62	42	138473	21.854	ng		96
6) Aniline	6.64	93	530161	31.057	ng	#	59
8) 2-Chlorophenol	6.76	128	590634	37.758	ng		97
9) Benzaldehyde	6.52	77	289943	29.281	ng		99
10) Phenol	6.62	94	693094	35.412	ng		88
11) bis(2-Chloroethyl)ether	6.70	93	543811	31.247	ng		94
12) 1,3-Dichlorobenzene	6.90	146	591960	36.082	ng		98
13) 1,4-Dichlorobenzene	6.98	146	653768	35.798	ng		99
14) 1,2-Dichlorobenzene	7.13	146	552922	32.615	ng		99
15) Benzyl Alcohol	7.11	79	421486	41.318	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	949594	37.950	ng		65
17) 2-Methylphenol	7.22	107	478143	41.407	ng	#	80
18) Hexachloroethane	7.47	117	220438	33.580	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	406437	39.039	ng		99
20) 3+4-Methylphenols	7.38	107	634081	44.725	ng	#	61
22) Acetophenone	7.37	105	841559	43.121	ng	#	91
24) Nitrobenzene	7.55	77	571898	38.735	ng		98
25) Isophorone	7.78	82	1135088	49.110	ng		99
26) 2-Nitrophenol	7.87	139	330794	44.643	ng		98
27) 2,4-Dimethylphenol	7.90	122	503267	50.730	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	756276	49.651	ng		98
29) 2,4-Dichlorophenol	8.11	162	498118	44.390	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	512868	40.063	ng		99
31) Naphthalene	8.27	128	1968681	52.210	ng		98
32) Benzoic acid	8.00	122	58922m	10.015	ng		
33) 4-Chloroaniline	8.33	127	282227	17.523	ng		98
34) Hexachlorobutadiene	8.37	225	295670	37.376	ng		98
35) Caprolactam	8.70	113	138719	41.065	ng	#	77
36) 4-Chloro-3-methylphenol	8.81	107	531506	43.613	ng		98
37) 2-Methylnaphthalene	8.96	142	1145841	48.377	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	524249	43.960	ng		98
40) Hexachlorocyclopentadiene	9.10	237	224085	47.020	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	322477	48.913	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	350551	44.167	ng		95
45) 1,1'-Biphenyl	9.42	154	1371926	43.100	ng		100
46) 2-Chloronaphthalene	9.45	162	1011792	42.151	ng		99
47) 2-Nitroaniline	9.56	65	367124	47.019	ng		91
48) Acenaphthylene	9.87	152	1674318	44.992	ng		97
49) Dimethylphthalate	9.72	163	1293023	49.224	ng		99
50) 2,6-Dinitrotoluene	9.79	165	245202	42.953	ng	#	84
51) Acenaphthene	10.04	154	954123	44.137	ng		99
52) 3-Nitroaniline	9.98	138	176717	24.566	ng		96
53) 2,4-Dinitrophenol	10.09	184	31002	17.657	ng	#	53
54) Dibenzofuran	10.21	168	1494972	44.743	ng		98
55) 4-Nitrophenol	10.15	139	217790	66.153	ng		89
56) 2,4-Dinitrotoluene	10.20	165	302999	40.383	ng	#	92
57) Fluorene	10.55	166	1280261	49.304	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	299017	41.018	ng	#	82
59) Diethylphthalate	10.42	149	1176747	41.665	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	537499	37.998	ng		91
61) 4-Nitroaniline	10.60	138	226776	35.524	ng		93
62) Azobenzene	10.70	77	1108969	42.160	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	88410	26.882	ng		90
65) n-Nitrosodiphenylamine	10.67	169	962165	48.336	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	334722	47.504	ng	#	85
67) Hexachlorobenzene	11.10	284	338162	43.279	ng	#	90
68) Atrazine	11.19	200	275916	46.834	ng		95
69) Pentachlorophenol	11.31	266	269190	69.985	ng		99
70) Phenanthrene	11.52	178	2068226	72.051	ng		98
71) Anthracene	11.58	178	1819593	54.958	ng		98
72) Carbazole	11.74	167	1417774	43.331	ng		99
73) Di-n-butylphthalate	12.04	149	1584866	44.400	ng		99
74) Fluoranthene	12.72	202	2219740	65.823	ng		98
76) Benzidine	12.85	184	741155	54.474	ng		97
77) Pyrene	12.95	202	1991837	65.734	ng		99
79) Butylbenzylphthalate	13.55	149	570874	43.022	ng		92
80) Benzo(a)anthracene	14.14	228	1539913	64.602	ng		95
81) 3,3'-Dichlorobenzidine	14.10	252	367328	39.753	ng		96
82) Chrysene	14.18	228	1517980	59.041	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	758936	45.496	ng		100
84) Di-n-octyl phthalate	14.72	149	1376969	51.426	ng		99
85) Indeno(1,2,3-cd)pyrene	17.28	276	1589341	81.270	ng		95
87) Benzo(b)fluoranthene	15.23	252	1492794	55.586	ng		98
88) Benzo(k)fluoranthene	15.26	252	1521768	46.154	ng		98
89) Benzo(a)pyrene	15.62	252	1579339	56.966	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	1238449	51.211	ng		95
91) Benzo(g,h,i)perylene	17.75	276	1280039	54.703	ng		94

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

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