Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107719.D
Acq On : 27 Jul 2018 00:04
Operator : JU/SJ
Sample : J4120-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4MSD

Quant Time: Jul 27 01:16:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	192701	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	767267	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	348418	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	604743	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	386552	20.00	ng		-0.02
86) Perylene-d12	15.68	264	450096	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1441875	120.30	ng		0.00
7) Phenol-d6	6.61	99	1685121	117.09	ng		0.00
23) Nitrobenzene-d5	7.53	82	1131489	99.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	530923	134.00	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	2098479	112.56	ng		-0.02
78) Terphenyl-d14	13.08	244	1500951	99.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	167650	30.053	ng	#	85
3) Pyridine	3.66	79	401456	26.453	ng	#	85
4) n-Nitrosodimethylamine	3.63	42	181551	28.364	ng		98
6) Aniline	6.64	93	460166	24.792	ng	#	76
8) 2-Chlorophenol	6.75	128	539478	42.013	ng		94
9) Benzaldehyde	6.52	77	339216	38.717	ng		96
10) Phenol	6.62	94	625882	36.980	ng		89
11) bis(2-Chloroethyl)ether	6.70	93	435291	31.021	ng		94
12) 1,3-Dichlorobenzene	6.90	146	571224	39.236	ng		97
13) 1,4-Dichlorobenzene	6.98	146	631258	42.305	ng		99
14) 1,2-Dichlorobenzene	7.13	146	540869	40.391	ng		99
15) Benzyl Alcohol	7.11	79	407129	41.509	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	850324	35.920	ng		72
17) 2-Methylphenol	7.22	107	439228	40.245	ng	#	88
18) Hexachloroethane	7.47	117	211136	40.342	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	363839	39.135	ng		97
20) 3+4-Methylphenols	7.37	107	516728	39.873	ng	#	64
22) Acetophenone	7.38	105	783125	43.460	ng	#	91
24) Nitrobenzene	7.55	77	545875	41.920	ng		99
25) Isophorone	7.78	82	1064220	43.841	ng		98
26) 2-Nitrophenol	7.87	139	304020	55.287	ng		98
27) 2,4-Dimethylphenol	7.90	122	490362	47.110	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	661976	40.806	ng		100
29) 2,4-Dichlorophenol	8.11	162	474894	44.637	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	498992	41.759	ng		98
31) Naphthalene	8.27	128	1599645	47.411	ng		99
32) Benzoic acid	8.02	122	143902	24.444	ng		96
33) 4-Chloroaniline	8.32	127	201526	13.666	ng		97
34) Hexachlorobutadiene	8.37	225	285582	40.221	ng		99
35) Caprolactam	8.70	113	134242	38.793	ng	#	73
36) 4-Chloro-3-methylphenol	8.81	107	512241	43.344	ng		99
37) 2-Methylnaphthalene	8.96	142	1081401	46.252	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	514059	44.235	ng		98
40) Hexachlorocyclopentadiene	9.10	237	277568	46.985	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	327106	43.975	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	356339	45.835	ng		97
45) 1,1'-Biphenyl	9.42	154	1354135	44.615	ng		98
46) 2-Chloronaphthalene	9.45	162	986040	42.503	ng		99
47) 2-Nitroaniline	9.55	65	324854	48.031	ng		90
48) Acenaphthylene	9.87	152	1582299	45.403	ng		98
49) Dimethylphthalate	9.72	163	1245584	47.435	ng		99
50) 2,6-Dinitrotoluene	9.79	165	248754	47.714	ng	#	91
51) Acenaphthene	10.04	154	881984	40.392	ng		99
52) 3-Nitroaniline	9.97	138	138368	21.816	ng		92
53) 2,4-Dinitrophenol	10.08	184	134295	62.019	ng	#	29
54) Dibenzofuran	10.21	168	1354554	42.137	ng		98
55) 4-Nitrophenol	10.14	139	267683	56.370	ng		91
56) 2,4-Dinitrotoluene	10.20	165	304323	48.358	ng		93
57) Fluorene	10.55	166	1068862	46.606	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	306252	47.333	ng	#	84
59) Diethylphthalate	10.42	149	1168610	42.612	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	536842	41.406	ng		94
61) 4-Nitroaniline	10.60	138	185352	34.783	ng		96
62) Azobenzene	10.71	77	1040599	40.465	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	111826	40.057	ng		92
65) n-Nitrosodiphenylamine	10.67	169	950039	46.256	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	322017	45.234	ng	#	86
67) Hexachlorobenzene	11.10	284	332923	42.503	ng	#	88
68) Atrazine	11.19	200	277406	44.237	ng		96
69) Pentachlorophenol	11.30	266	292725	59.831	ng		99
70) Phenanthrene	11.52	178	1297143	44.017	ng		99
71) Anthracene	11.58	178	1408137	47.458	ng		100
72) Carbazole	11.74	167	1183184	38.347	ng		99
73) Di-n-butylphthalate	12.04	149	1585401	52.461	ng		100
74) Fluoranthene	12.71	202	1161020	36.715	ng		97
76) Benzidine	12.84	184	446629	40.121	ng		96
77) Pyrene	12.94	202	1120470	42.377	ng		98
79) Butylbenzylphthalate	13.55	149	495475	43.574	ng	#	90
80) Benzo(a)anthracene	14.14	228	971709	42.896	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	306843	46.011	ng	#	97
82) Chrysene	14.17	228	1026920	47.193	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	649861	40.504	ng		99
84) Di-n-octyl phthalate	14.72	149	1171766	46.986	ng		98
85) Indeno(1,2,3-cd)pyrene	17.26	276	912962	49.503	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	1038586	42.162	ng		97
88) Benzo(k)fluoranthene	15.25	252	1047555	43.406	ng	#	97
89) Benzo(a)pyrene	15.61	252	1033992	45.888	ng		97
90) Dibenzo(a,h)anthracene	17.27	278	780437	40.068	ng		95
91) Benzo(g,h,i)perylene	17.73	276	690177	35.923	ng	#	91

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

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