Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103434.D
Acq On : 6 Mar 2018 2:39
Operator : SJ/JU
Sample : J1722-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-24MSD

Manual Integrations APPROVED
Sohil
3/6/2018 4:24:03 PM

Quant Time: Mar 06 06:06:48 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 05 13:40:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	120223	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	487687	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	192327	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	291664	20.00	ng		0.00
75) Chrysene-d12	14.07	240	156941	20.00	ng		0.00
86) Perylene-d12	15.59	264	122202	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1062602	133.68	ng		0.00
7) Phenol-d6	6.53	99	1180097	121.32	ng		0.00
23) Nitrobenzene-d5	7.45	82	748334	87.63	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	154060	94.63	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	987191	89.53	ng		0.00
78) Terphenyl-d14	13.00	244	709701	108.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	156404	37.254	ng		94
3) Pyridine	3.48	79	413279	36.872	ng		98
4) n-Nitrosodimethylamine	3.41	42	235703	52.143	ng		91
6) Aniline	6.55	93	371854	26.489	ng	#	50
8) 2-Chlorophenol	6.67	128	364256	44.111	ng		94
9) Benzaldehyde	6.43	77	170905	26.169	ng		99
10) Phenol	6.54	94	500894	44.359	ng	#	72
11) bis(2-Chloroethyl)ether	6.61	93	403290	47.057	ng		92
12) 1,3-Dichlorobenzene	6.82	146	380558	40.327	ng		97
13) 1,4-Dichlorobenzene	6.89	146	390844	41.311	ng		99
14) 1,2-Dichlorobenzene	7.05	146	346333	39.699	ng		99
15) Benzyl Alcohol	7.02	79	284854	38.863	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	577401	39.234	ng		53
17) 2-Methylphenol	7.14	107	304863	40.625	ng	#	85
18) Hexachloroethane	7.38	117	74502	21.631	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	262606	43.380	ng		95
20) 3+4-Methylphenols	7.30	107	406134	44.397	ng	#	87
22) Acetophenone	7.29	105	503491	44.230	ng	#	91
24) Nitrobenzene	7.46	77	411028	43.716	ng		95
25) Isophorone	7.70	82	755955	44.947	ng		97
26) 2-Nitrophenol	7.77	139	119012	26.888	ng	#	90
27) 2,4-Dimethylphenol	7.82	122	332143	49.093	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	462980	46.820	ng		97
29) 2,4-Dichlorophenol	8.03	162	297575	45.940	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	275502	39.941	ng		97
31) Naphthalene	8.18	128	1002479	41.987	ng		100
32) Benzoic acid	7.96	122	6353m	7.997	ng		
33) 4-Chloroaniline	8.24	127	291820	28.323	ng		98
34) Hexachlorobutadiene	8.29	225	136384	37.969	ng		99
35) Caprolactam	8.60	113	93552	41.094	ng	#	79
36) 4-Chloro-3-methylphenol	8.73	107	312262	42.740	ng		99
37) 2-Methylnaphthalene	8.87	142	621250	40.261	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	223870	42.578	ng		98
42) 2,4,6-Trichlorophenol	9.16	196	150181	42.450	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	155969	38.330	ng		95
45) 1,1'-Biphenyl	9.33	154	680151	42.203	ng		98
46) 2-Chloronaphthalene	9.36	162	531941	41.721	ng		99
47) 2-Nitroaniline	9.47	65	247752	52.458	ng		83
48) Acenaphthylene	9.78	152	796029	40.578	ng		99
49) Dimethylphthalate	9.63	163	685104	44.404	ng		99
50) 2,6-Dinitrotoluene	9.70	165	103008	31.814	ng	#	73
51) Acenaphthene	9.95	154	460701	40.275	ng		99
52) 3-Nitroaniline	9.89	138	187199	45.571	ng		99
54) Dibenzofuran	10.12	168	659717	42.013	ng		95
55) 4-Nitrophenol	10.06	139	117998	46.348	ng	#	86
56) 2,4-Dinitrotoluene	10.12	165	102630	25.063	ng	#	62
57) Fluorene	10.47	166	508065	37.981	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	86549	31.663	ng	#	91
59) Diethylphthalate	10.33	149	597843	40.514	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	229185	40.402	ng		96
61) 4-Nitroaniline	10.50	138	195172	47.568	ng		99
62) Azobenzene	10.62	77	588285	39.166	ng		95
64) 4,6-Dinitro-2-methylphenol	10.72	198	445	5.170	ng	#	1
65) n-Nitrosodiphenylamine	10.57	169	451096	44.420	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	126307	41.572	ng		99
67) Hexachlorobenzene	11.02	284	125654	38.103	ng		96
68) Atrazine	11.10	200	94571	30.983	ng		99
69) Pentachlorophenol	11.23	266	45442	28.499	ng		95
70) Phenanthrene	11.44	178	800660	49.882	ng		98
71) Anthracene	11.49	178	718475	43.651	ng		100
72) Carbazole	11.65	167	679280	41.443	ng		99
73) Di-n-butylphthalate	11.96	149	861787	42.018	ng		99
74) Fluoranthene	12.64	202	886610	54.968	ng		99
76) Benzidine	12.76	184	244499	41.672	ng		97
77) Pyrene	12.87	202	894352	73.091	ng		99
79) Butylbenzylphthalate	13.46	149	337991	52.282	ng		93
80) Benzo(a)anthracene	14.06	228	551091	54.119	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	142852	39.309	ng		100
82) Chrysene	14.10	228	508189	51.398	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	424474	48.656	ng		99
84) Di-n-octyl phthalate	14.64	149	647072	45.907	ng		96
85) Indeno(1,2,3-cd)pyrene	17.15	276	356863	45.590	ng		98
87) Benzo(b)fluoranthene	15.14	252	430400	53.568	ng		97
88) Benzo(k)fluoranthene	15.17	252	377023	49.832	ng		99
89) Benzo(a)pyrene	15.53	252	378125	52.701	ng	#	95
90) Dibenzo(a,h)anthracene	17.15	278	266605	48.087	ng		97
91) Benzo(g,h,i)perylene	17.62	276	297826	54.964	ng		97

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

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