Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103295.D
Acq On : 28 Feb 2018 16:17
Operator : SJ/JU
Sample : PB106912BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB106912BS

Manual Integrations APPROVED
Sohil
3/1/2018 11:42:59 AM

Quant Time: Mar 01 00:17:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	127130	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	544086	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	255314	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	451039	20.00	ng		0.00
75) Chrysene-d12	14.06	240	276776	20.00	ng		0.00
86) Perylene-d12	15.56	264	218444	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1095908	130.38	ng		0.02
7) Phenol-d6	6.52	99	1357510	131.98	ng		0.00
23) Nitrobenzene-d5	7.44	82	807727	84.78	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	262954	121.68	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1195567	79.40	ng		0.00
78) Terphenyl-d14	12.99	244	1113767	96.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	218443	49.204	ng		92
3) Pyridine	3.51	79	594843	50.188	ng		98
4) n-Nitrosodimethylamine	3.45	42	303293	63.450	ng		89
6) Aniline	6.54	93	437863	29.497	ng	#	90
8) 2-Chlorophenol	6.66	128	420962	48.209	ng		93
9) Benzaldehyde	6.43	77	200574	29.807	ng		98
10) Phenol	6.53	94	540397	45.258	ng		87
11) bis(2-Chloroethyl)ether	6.61	93	440931	48.654	ng		91
12) 1,3-Dichlorobenzene	6.82	146	443568	44.451	ng		98
13) 1,4-Dichlorobenzene	6.89	146	446181	44.598	ng		98
14) 1,2-Dichlorobenzene	7.05	146	410046	44.449	ng		98
15) Benzyl Alcohol	7.02	79	384986	49.671	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	708078	45.500	ng		93
17) 2-Methylphenol	7.13	107	364352	45.914	ng	#	94
18) Hexachloroethane	7.38	117	170796	46.895	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	301880	47.158	ng		94
20) 3+4-Methylphenols	7.29	107	428034	44.249	ng	#	60
22) Acetophenone	7.28	105	563239	44.350	ng	#	85
24) Nitrobenzene	7.46	77	496745	47.356	ng		94
25) Isophorone	7.70	82	919294	48.992	ng		97
26) 2-Nitrophenol	7.77	139	240570	48.717	ng		93
27) 2,4-Dimethylphenol	7.81	122	403091	53.404	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	551318	49.974	ng		98
29) 2,4-Dichlorophenol	8.02	162	355799	49.235	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	336680	43.750	ng		99
31) Naphthalene	8.18	128	1203546	45.183	ng		100
32) Benzoic acid	7.96	122	292426	51.613	ng		94
33) 4-Chloroaniline	8.23	127	297345	25.868	ng		96
34) Hexachlorobutadiene	8.29	225	170062	42.438	ng		99
35) Caprolactam	8.62	113	135790m	53.465	ng		
36) 4-Chloro-3-methylphenol	8.72	107	407218	49.960	ng		100
37) 2-Methylnaphthalene	8.87	142	799179	46.423	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	290466	41.615	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	205247	83.045	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	219939	46.830	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	238289	44.114	ng		96
45) 1,1'-Biphenyl	9.33	154	905168	42.309	ng		99
46) 2-Chloronaphthalene	9.36	162	722060	42.661	ng		100
47) 2-Nitroaniline	9.46	65	305400	48.712	ng		84
48) Acenaphthylene	9.78	152	1110047	42.626	ng		100
49) Dimethylphthalate	9.63	163	899851	43.934	ng		100
50) 2,6-Dinitrotoluene	9.70	165	193277	44.967	ng	#	83
51) Acenaphthene	9.95	154	642736	42.326	ng		99
52) 3-Nitroaniline	9.87	138	168156	30.836	ng		94
53) 2,4-Dinitrophenol	9.99	184	155694	97.844	ng	#	17
54) Dibenzofuran	10.12	168	949251	45.538	ng		94
55) 4-Nitrophenol	10.05	139	273305	80.866	ng	#	84
56) 2,4-Dinitrotoluene	10.12	165	250013	45.992	ng	#	89
57) Fluorene	10.47	166	740757	41.715	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	175206	48.284	ng	#	95
59) Diethylphthalate	10.33	149	933870	47.673	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	333356	44.268	ng		96
61) 4-Nitroaniline	10.50	138	225873	41.469	ng		98
62) Azobenzene	10.62	77	946501	47.469	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	113035	41.890	ng		90
65) n-Nitrosodiphenylamine	10.57	169	674206	42.931	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	199519	42.465	ng		98
67) Hexachlorobenzene	11.02	284	208678	40.919	ng		98
68) Atrazine	11.10	200	218431	46.275	ng		99
69) Pentachlorophenol	11.22	266	192117	77.912	ng		98
70) Phenanthrene	11.43	178	1078072	43.432	ng		99
71) Anthracene	11.49	178	1100981	43.255	ng		99
72) Carbazole	11.65	167	1046868	41.301	ng		99
73) Di-n-butylphthalate	11.96	149	1412194	44.525	ng		99
74) Fluoranthene	12.63	202	1070263	42.908	ng		98
76) Benzidine	12.75	184	147161	14.222	ng		98
77) Pyrene	12.86	202	1048646	48.595	ng		99
79) Butylbenzylphthalate	13.46	149	559759	49.097	ng		96
80) Benzo(a)anthracene	14.04	228	818428	45.574	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	202619	31.615	ng		97
82) Chrysene	14.09	228	770748	44.202	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	733622	47.683	ng		99
84) Di-n-octyl phthalate	14.64	149	1161464	46.724	ng		100
85) Indeno(1,2,3-cd)pyrene	17.09	276	644724	46.704	ng		99
87) Benzo(b)fluoranthene	15.12	252	683058	47.558	ng		98
88) Benzo(k)fluoranthene	15.15	252	611727	45.231	ng		98
89) Benzo(a)pyrene	15.50	252	605104	47.179	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	534537	53.936	ng		100
91) Benzo(g,h,i)perylene	17.55	276	562222	58.045	ng		97

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

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