Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110611.D
Acq On : 9 Nov 2018 4:05
Operator : JU/SJ
Sample : PB114627BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114627BS

Manual Integrations APPROVED
Sohil
11/9/2018 4:26:23 PM

Quant Time: Nov 09 13:42:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75045	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	303342	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	131650	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	201730	20.00	ng		0.00
76) Chrysene-d12	14.13	240	151196	20.00	ng		0.00
87) Perylene-d12	15.65	264	118319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	460333	99.64	ng		0.01
7) Phenol-d6	6.57	99	574938	97.32	ng		0.00
23) Nitrobenzene-d5	7.52	82	522788	99.25	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	116087	87.51	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	964365	104.62	ng		0.00
79) Terphenyl-d14	13.06	244	612162	75.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	70368	30.568	ng		89
3) Pyridine	3.62	79	209065	42.075	ng	#	86
4) n-Nitrosodimethylamine	3.59	42	111985	52.526	ng		89
6) Aniline	6.61	93	152596	19.806	ng	#	54
8) 2-Chlorophenol	6.73	128	247852	45.762	ng		99
9) Benzaldehyde	6.50	77	136773	44.344	ng		99
10) Phenol	6.59	94	298536	43.578	ng	#	65
11) bis(2-Chloroethyl)ether	6.68	93	224389	43.706	ng		96
12) 1,3-Dichlorobenzene	6.89	146	258258	43.580	ng		98
13) 1,4-Dichlorobenzene	6.96	146	261405	43.440	ng		100
14) 1,2-Dichlorobenzene	7.12	146	243072	43.421	ng		100
15) Benzyl Alcohol	7.09	79	211890	45.830	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	361108	44.789	ng		72
17) 2-Methylphenol	7.19	107	202970	47.088	ng	#	83
18) Hexachloroethane	7.45	117	91862	41.350	ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	166636	44.186	ng		95
20) 3+4-Methylphenols	7.35	107	254957	46.077	ng		91
22) Acetophenone	7.36	105	338535	47.886	ng	#	94
24) Nitrobenzene	7.53	77	255330	47.312	ng		94
25) Isophorone	7.76	82	457828	53.031	ng		98
26) 2-Nitrophenol	7.85	139	122601	45.538	ng		97
27) 2,4-Dimethylphenol	7.87	122	229090	55.873	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	290635	49.721	ng		100
29) 2,4-Dichlorophenol	8.09	162	201716	47.812	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	215900	45.388	ng		95
31) Naphthalene	8.25	128	699036	49.089	ng		100
32) Benzoic acid	7.98	122	51242	17.663	ng		97
33) 4-Chloroaniline	8.30	127	63488	9.843	ng		98
34) Hexachlorobutadiene	8.36	225	121720	44.800	ng		98
35) Caprolactam	8.67	113	60022m	42.582	ng		
36) 4-Chloro-3-methylphenol	8.78	107	214227	47.082	ng		96
37) 2-Methylnaphthalene	8.94	142	476509	51.044	ng		99
38) 1-Methylnaphthalene	9.04	142	442717	49.313	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	201126	48.264	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	61261	41.741 ng		98
43) 2,4,6-Trichlorophenol	9.22	196	128013	48.884 ng		98
44) 2,4,5-Trichlorophenol	9.26	196	135565	48.532 ng		95
46) 1,1'-Biphenyl	9.40	154	573078	46.663 ng		100
47) 2-Chloronaphthalene	9.43	162	418289	47.276 ng		99
48) 2-Nitroaniline	9.53	65	133092	48.814 ng		95
49) Acenaphthylene	9.85	152	642489	50.423 ng		99
50) Dimethylphthalate	9.70	163	503451	51.250 ng		99
51) 2,6-Dinitrotoluene	9.77	165	105493	48.818 ng		90
52) Acenaphthene	10.02	154	383051	47.569 ng		98
53) 3-Nitroaniline	9.95	138	56831	22.700 ng		85
54) 2,4-Dinitrophenol	10.06	184	18561	24.996 ng		91
55) Dibenzofuran	10.19	168	551758	46.834 ng		98
56) 4-Nitrophenol	10.11	139	198512	119.518 ng		95
57) 2,4-Dinitrotoluene	10.18	165	130058	46.289 ng		97
58) Fluorene	10.54	166	425614	47.033 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	99417	45.242 ng	#	92
60) Diethylphthalate	10.40	149	475547	48.932 ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	209545	44.723 ng		98
62) 4-Nitroaniline	10.56	138	88468	35.092 ng		92
63) Azobenzene	10.69	77	433274	45.696 ng		97
65) 4,6-Dinitro-2-methylphenol	10.59	198	16071	15.807 ng		79
66) n-Nitrosodiphenylamine	10.65	169	372844	54.833 ng		96
67) 4-Bromophenyl-phenylether	11.02	248	117931	52.895 ng		93
68) Hexachlorobenzene	11.09	284	116165	49.419 ng	#	89
69) Atrazine	11.17	200	118226	56.865 ng		99
70) Pentachlorophenol	11.29	266	93066	74.200 ng		97
71) Phenanthrene	11.50	178	554077	51.267 ng		99
72) Anthracene	11.56	178	570106	52.292 ng		99
73) Carbazole	11.72	167	485717	46.390 ng		98
74) Di-n-butylphthalate	12.02	149	656150	53.441 ng		99
75) Fluoranthene	12.70	202	514948	47.525 ng		100
77) Benzidine	12.82	184	320940	77.188 ng		98
78) Pyrene	12.93	202	513343	44.095 ng		97
80) Butylbenzylphthalate	13.53	149	240769	48.051 ng		97
81) Benzo(a)anthracene	14.12	228	467098	51.686 ng		100
82) 3,3'-Dichlorobenzidine	14.07	252	130606	43.142 ng		99
83) Chrysene	14.16	228	435101	50.536 ng		99
84) Bis(2-ethylhexyl)phthalate	14.08	149	324106	52.141 ng	#	95
85) Di-n-octyl phthalate	14.70	149	563595	61.658 ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	310757	50.298 ng		97
88) Benzo(b)fluoranthene	15.20	252	391019	55.242 ng		97
89) Benzo(k)fluoranthene	15.23	252	363163	51.924 ng		99
90) Benzo(a)pyrene	15.59	252	343016	53.337 ng		98
91) Dibenzo(a,h)anthracene	17.23	278	262313	48.199 ng		98
92) Benzo(g,h,i)perylene	17.70	276	252909	46.837 ng		97

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

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