Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110785.D
Acq On : 15 Nov 2018 13:43
Operator : JU/SJ
Sample : PB114818BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114818BS

Quant Time: Nov 15 14:32:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	58374	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	237215	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	113799	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	222883	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	167787	20.00	ng		-0.01
87) Perylene-d12	15.66	264	131296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	353799	98.45	ng		0.00
7) Phenol-d6	6.56	99	440831	95.93	ng		-0.01
23) Nitrobenzene-d5	7.50	82	272724	66.21	ng		-0.01
42) 2,4,6-Tribromophenol	10.78	330	116086	101.24	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	538844	67.63	ng		-0.01
79) Terphenyl-d14	13.06	244	572229	63.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	46945	26.217	ng		91
3) Pyridine	3.60	79	128117	33.148	ng		89
4) n-Nitrosodimethylamine	3.55	42	66843	40.306	ng	#	90
6) Aniline	6.60	93	82463	13.760	ng	#	55
8) 2-Chlorophenol	6.72	128	148380	35.220	ng		98
9) Benzaldehyde	6.49	77	78926	29.913	ng		98
10) Phenol	6.57	94	178205	33.442	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	134673	33.723	ng		94
12) 1,3-Dichlorobenzene	6.87	146	153621	33.327	ng		99
13) 1,4-Dichlorobenzene	6.95	146	155801	33.285	ng		97
14) 1,2-Dichlorobenzene	7.10	146	148546	34.113	ng		100
15) Benzyl Alcohol	7.08	79	123487	34.337	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.20	45	207367	33.065	ng		72
17) 2-Methylphenol	7.19	107	117818	35.139	ng	#	81
18) Hexachloroethane	7.45	117	56970	32.967	ng		97
19) n-Nitroso-di-n-propylamine	7.34	70	99259	33.837	ng		96
20) 3+4-Methylphenols	7.34	107	153535	35.672	ng	#	77
22) Acetophenone	7.35	105	199968	36.171	ng		95
24) Nitrobenzene	7.52	77	150234	35.598	ng		95
25) Isophorone	7.76	82	269659	39.943	ng		95
26) 2-Nitrophenol	7.84	139	75910	36.055	ng		93
27) 2,4-Dimethylphenol	7.87	122	132908	41.451	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	169520	37.086	ng		99
29) 2,4-Dichlorophenol	8.08	162	123212	37.346	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	131298	35.297	ng		96
31) Naphthalene	8.24	128	427074	38.351	ng		99
32) Benzoic acid	7.98	122	53424	23.549	ng		96
33) 4-Chloroaniline	8.30	127	46677	9.254	ng		97
34) Hexachlorobutadiene	8.35	225	70857	33.349	ng		98
35) Caprolactam	8.66	113	40075	36.357	ng		91
36) 4-Chloro-3-methylphenol	8.77	107	132624	37.273	ng		97
37) 2-Methylnaphthalene	8.93	142	292615	40.083	ng		98
38) 1-Methylnaphthalene	9.03	142	272686	38.841	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	123363	34.247	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	74251	55.462	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	83516	36.895	ng		97
44) 2,4,5-Trichlorophenol	9.26	196	88265	36.555	ng		97
46) 1,1'-Biphenyl	9.40	154	359011	33.818	ng		99
47) 2-Chloronaphthalene	9.43	162	270316	35.345	ng		100
48) 2-Nitroaniline	9.53	65	85752	36.385	ng		97
49) Acenaphthylene	9.85	152	432166	39.237	ng		99
50) Dimethylphthalate	9.69	163	315432	37.147	ng		99
51) 2,6-Dinitrotoluene	9.77	165	69289	37.094	ng		93
52) Acenaphthene	10.02	154	258161	37.089	ng		98
53) 3-Nitroaniline	9.95	138	35430	16.372	ng		85
54) 2,4-Dinitrophenol	10.06	184	43277	59.443	ng		89
55) Dibenzofuran	10.19	168	375358	36.858	ng		99
56) 4-Nitrophenol	10.11	139	103329	71.970	ng		93
57) 2,4-Dinitrotoluene	10.18	165	95130	39.169	ng		93
58) Fluorene	10.53	166	310542	39.700	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	74426	39.182	ng		94
60) Diethylphthalate	10.39	149	325000	38.687	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	147091	36.318	ng		96
62) 4-Nitroaniline	10.56	138	74193	34.046	ng		89
63) Azobenzene	10.68	77	300606	36.677	ng		97
65) 4,6-Dinitro-2-methylphenol	10.59	198	34451	30.669	ng		89
66) n-Nitrosodiphenylamine	10.64	169	266561	35.482	ng		96
67) 4-Bromophenyl-phenylether	11.01	248	85108	34.550	ng	#	91
68) Hexachlorobenzene	11.09	284	92094	35.461	ng		99
69) Atrazine	11.16	200	90145	39.243	ng		98
70) Pentachlorophenol	11.28	266	85082	61.397	ng		99
71) Phenanthrene	11.50	178	462009	38.691	ng		98
72) Anthracene	11.56	178	486156	40.360	ng		98
73) Carbazole	11.71	167	419966	36.304	ng		100
74) Di-n-butylphthalate	12.02	149	519188	38.272	ng		98
75) Fluoranthene	12.70	202	473667	39.566	ng		98
77) Benzidine	12.82	184	111434	24.150	ng		95
78) Pyrene	12.93	202	481137	37.242	ng		99
80) Butylbenzylphthalate	13.52	149	209281	37.637	ng		96
81) Benzo(a)anthracene	14.12	228	383855	38.275	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	63689	18.957	ng		99
83) Chrysene	14.16	228	355603	37.219	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	280203	40.621	ng		99
85) Di-n-octyl phthalate	14.69	149	426412	42.037	ng		96
86) Indeno(1,2,3-cd)pyrene	17.23	276	328041	47.846	ng		98
88) Benzo(b)fluoranthene	15.20	252	311730	39.688	ng		97
89) Benzo(k)fluoranthene	15.23	252	283013	36.465	ng	#	96
90) Benzo(a)pyrene	15.59	252	285191	39.963	ng		98
91) Dibenzo(a,h)anthracene	17.23	278	273713	45.323	ng		97
92) Benzo(g,h,i)perylene	17.70	276	275240	45.935	ng		99

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

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