Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111799.D
Acq On : 28 Dec 2018 20:01
Operator : JU/SJ
Sample : PB116072BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116072BS

Manual Integrations APPROVED
Sohil
1/2/2019 2:51:43 PM

Quant Time: Dec 29 02:50:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	150504	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	540342	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	236574	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	355444	20.00	ng		0.01
76) Chrysene-d12	14.07	240	339396	20.00	ng		0.02
87) Perylene-d12	15.56	264	266140	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	970521	109.92	ng		0.04
7) Phenol-d6	6.55	99	1238322	110.20	ng		0.03
23) Nitrobenzene-d5	7.47	82	781022	84.13	ng		0.01
42) 2,4,6-Tribromophenol	10.73	330	290841	104.05	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1455588	89.68	ng		0.00
79) Terphenyl-d14	13.01	244	1220252	68.18	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	117647	28.320	ng		96
3) Pyridine	3.52	79	334068	30.867	ng		98
4) n-Nitrosodimethylamine	3.47	42	202947	38.315	ng		80
6) Aniline	6.57	93	173964	12.145	ng	#	1
8) 2-Chlorophenol	6.70	128	374041	38.242	ng		98
9) Benzaldehyde	6.45	77	223959	28.979	ng		96
10) Phenol	6.56	94	433510	34.192	ng		82
11) bis(2-Chloroethyl)ether	6.64	93	343495	36.154	ng		99
12) 1,3-Dichlorobenzene	6.85	146	418749	36.943	ng		99
13) 1,4-Dichlorobenzene	6.92	146	422355	36.740	ng		98
14) 1,2-Dichlorobenzene	7.08	146	397453	37.057	ng		97
15) Benzyl Alcohol	7.05	79	329623	36.935	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	576860	32.967	ng		67
17) 2-Methylphenol	7.17	107	295793	37.768	ng	#	89
18) Hexachloroethane	7.42	117	138639	35.789	ng	#	86
19) n-Nitroso-di-n-propylamine	7.32	70	264081	35.387	ng		99
20) 3+4-Methylphenols	7.32	107	381534	38.554	ng	#	87
22) Acetophenone	7.31	105	503394	36.774	ng	#	90
24) Nitrobenzene	7.49	77	395107	40.610	ng		98
25) Isophorone	7.72	82	690723	41.913	ng		97
26) 2-Nitrophenol	7.80	139	180433	45.726	ng		93
27) 2,4-Dimethylphenol	7.85	122	316205	40.651	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	432808	39.466	ng		99
29) 2,4-Dichlorophenol	8.05	162	318512	38.070	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	346590	37.175	ng		98
31) Naphthalene	8.21	128	1036192	39.911	ng		97
32) Benzoic acid	7.95	122	161904m	31.480	ng		
33) 4-Chloroaniline	8.25	127	69736	6.214	ng		97
34) Hexachlorobutadiene	8.33	225	218217	38.404	ng		97
35) Caprolactam	8.62	113	91093m	32.131	ng		
36) 4-Chloro-3-methylphenol	8.75	107	305682	37.168	ng		98
37) 2-Methylnaphthalene	8.90	142	695397	41.169	ng		98
38) 1-Methylnaphthalene	9.00	142	648831	39.995	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	331911	42.696	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	155855	41.315 ng		98
43) 2,4,6-Trichlorophenol	9.18	196	213444	41.124 ng		97
44) 2,4,5-Trichlorophenol	9.23	196	218059	40.953 ng		92
46) 1,1'-Biphenyl	9.36	154	844987	42.312 ng		94
47) 2-Chloronaphthalene	9.39	162	633232	40.021 ng		94
48) 2-Nitroaniline	9.48	65	188469	45.787 ng		97
49) Acenaphthylene	9.80	152	953489	41.274 ng		95
50) Dimethylphthalate	9.66	163	763739	44.147 ng		98
51) 2,6-Dinitrotoluene	9.72	165	154045	44.656 ng		98
52) Acenaphthene	9.98	154	568903	39.928 ng		97
53) 3-Nitroaniline	9.89	138	71524	19.441 ng		99
54) 2,4-Dinitrophenol	9.99	184	47754	46.503 ng		96
55) Dibenzofuran	10.15	168	825205	38.335 ng		94
56) 4-Nitrophenol	10.06	139	209532	74.630 ng		93
57) 2,4-Dinitrotoluene	10.12	165	184414	44.480 ng		94
58) Fluorene	10.49	166	616922	39.772 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	159561	35.609 ng		92
60) Diethylphthalate	10.36	149	702975	41.424 ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	321665	37.534 ng		94
62) 4-Nitroaniline	10.50	138	117528	32.869 ng		87
63) Azobenzene	10.64	77	600218	35.231 ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	34985	27.187 ng	#	77
66) n-Nitrosodiphenylamine	10.60	169	540732	45.319 ng		97
67) 4-Bromophenyl-phenylether	10.97	248	189310	42.941 ng		98
68) Hexachlorobenzene	11.05	284	197750	40.230 ng		94
69) Atrazine	11.12	200	173882	41.949 ng		96
70) Pentachlorophenol	11.24	266	179419	59.042 ng		95
71) Phenanthrene	11.46	178	792234	42.027 ng		94
72) Anthracene	11.50	178	815178	43.083 ng		95
73) Carbazole	11.66	167	699026	38.053 ng		95
74) Di-n-butylphthalate	11.99	149	906986	44.036 ng		96
75) Fluoranthene	12.64	202	819909	42.952 ng		93
77) Benzidine	12.76	184	392206	30.710 ng		97
78) Pyrene	12.87	202	843374	35.188 ng		96
80) Butylbenzylphthalate	13.48	149	372188	38.096 ng		93
81) Benzo(a)anthracene	14.06	228	821762	42.426 ng		97
82) 3,3'-Dichlorobenzidine	14.02	252	273408	35.726 ng	#	96
83) Chrysene	14.10	228	775122	40.717 ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	526906	42.817 ng	#	99
85) Di-n-octyl phthalate	14.66	149	925418	48.537 ng		95
86) Indeno(1,2,3-cd)pyrene	17.07	276	547872	33.854 ng	#	87
88) Benzo(b)fluoranthene	15.13	252	684556	44.011 ng	#	96
89) Benzo(k)fluoranthene	15.16	252	674333	45.538 ng	#	96
90) Benzo(a)pyrene	15.50	252	615217	43.536 ng	#	94
91) Dibenzo(a,h)anthracene	17.09	278	469901	37.974 ng	#	91
92) Benzo(g,h,i)perylene	17.53	276	437209	36.183 ng	#	86

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

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