Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110965.D
Acq On : 26 Nov 2018 15:54
Operator : JU/SJ
Sample : PB115043BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115043BS

Manual Integrations APPROVED
mohammad
11/27/2018 11:47:33 AM

Quant Time: Nov 26 16:28:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 26 15:26:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	63991	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	270649	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	127669	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	242143	20.00	ng		0.00
76) Chrysene-d12	14.13	240	163955	20.00	ng		0.00
87) Perylene-d12	15.67	264	111532	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	494706	128.20	ng		0.02
7) Phenol-d6	6.57	99	613516	122.00	ng		0.00
23) Nitrobenzene-d5	7.50	82	304541	64.40	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	152867	120.56	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	580649	65.89	ng		0.00
79) Terphenyl-d14	13.06	244	611732	72.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	62194	33.642	ng		88
3) Pyridine	3.66	79	160804	39.722	ng		87
4) n-Nitrosodimethylamine	3.62	42	84412	45.569	ng		84
6) Aniline	6.60	93	198872	31.991	ng	#	56
8) 2-Chlorophenol	6.72	128	186844	40.857	ng		97
9) Benzaldehyde	6.50	77	81795	28.027	ng		97
10) Phenol	6.58	94	230043	40.621	ng	#	69
11) bis(2-Chloroethyl)ether	6.67	93	170010	39.847	ng		91
12) 1,3-Dichlorobenzene	6.87	146	194059	38.627	ng		99
13) 1,4-Dichlorobenzene	6.95	146	199004	38.519	ng		99
14) 1,2-Dichlorobenzene	7.10	146	186290	38.312	ng		99
15) Benzyl Alcohol	7.08	79	151513	39.206	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	260306	38.337	ng		87
17) 2-Methylphenol	7.19	107	150123	41.287	ng	#	84
18) Hexachloroethane	7.44	117	73206	38.521	ng		98
19) n-Nitroso-di-n-propylamine	7.35	70	126732	38.689	ng		96
20) 3+4-Methylphenols	7.35	107	191789m	39.679	ng		
22) Acetophenone	7.35	105	261029	41.146	ng	#	94
24) Nitrobenzene	7.52	77	195417	39.736	ng		97
25) Isophorone	7.76	82	345729	44.568	ng		97
26) 2-Nitrophenol	7.84	139	98272	41.131	ng		100
27) 2,4-Dimethylphenol	7.87	122	170576	47.275	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	218528	42.049	ng		100
29) 2,4-Dichlorophenol	8.08	162	156932	41.564	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	169874	40.146	ng		95
31) Naphthalene	8.24	128	548435	43.229	ng		99
32) Benzoic acid	8.02	122	83818	31.245	ng		91
33) 4-Chloroaniline	8.30	127	142999	26.482	ng		97
34) Hexachlorobutadiene	8.35	225	92530	38.393	ng		99
35) Caprolactam	8.67	113	53340m	41.380	ng		
36) 4-Chloro-3-methylphenol	8.78	107	169680	40.446	ng		94
37) 2-Methylnaphthalene	8.93	142	374002	44.631	ng		98
38) 1-Methylnaphthalene	9.03	142	349300	42.854	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	160504	39.965	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	50877	74.273	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	99531	41.495	ng		96
44) 2,4,5-Trichlorophenol	9.26	196	106377	42.119	ng		95
46) 1,1'-Biphenyl	9.40	154	451660	38.373	ng		98
47) 2-Chloronaphthalene	9.43	162	345497	40.484	ng		99
48) 2-Nitroaniline	9.53	65	111286	41.690	ng		95
49) Acenaphthylene	9.85	152	532145	43.851	ng		99
50) Dimethylphthalate	9.69	163	388720	41.515	ng		99
51) 2,6-Dinitrotoluene	9.77	165	86232	41.369	ng	#	87
52) Acenaphthene	10.02	154	324632	41.728	ng		98
53) 3-Nitroaniline	9.95	138	65016	26.761	ng		92
54) 2,4-Dinitrophenol	10.07	184	50272	68.807	ng		93
55) Dibenzofuran	10.19	168	462932	40.789	ng		99
56) 4-Nitrophenol	10.12	139	97427	72.555	ng		97
57) 2,4-Dinitrotoluene	10.19	165	113768	42.068	ng	#	90
58) Fluorene	10.53	166	381426	43.195	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	88771	42.828	ng		94
60) Diethylphthalate	10.39	149	389666	40.356	ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	181882	39.380	ng		99
62) 4-Nitroaniline	10.57	138	87324	38.604	ng		97
63) Azobenzene	10.68	77	377060	40.064	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	40554	35.405	ng		96
66) n-Nitrosodiphenylamine	10.64	169	327908	40.679	ng		94
67) 4-Bromophenyl-phenylether	11.01	248	105490	40.002	ng		96
68) Hexachlorobenzene	11.09	284	112973	40.219	ng		99
69) Atrazine	11.16	200	105138	Below Cal			99
70) Pentachlorophenol	11.29	266	80685	72.199	ng		98
71) Phenanthrene	11.50	178	558808	43.573	ng		99
72) Anthracene	11.56	178	576354	44.130	ng		98
73) Carbazole	11.71	167	500306	39.466	ng		100
74) Di-n-butylphthalate	12.02	149	610315	41.177	ng		99
75) Fluoranthene	12.70	202	560887	42.553	ng		98
77) Benzidine	12.82	184	180356	43.007	ng		95
78) Pyrene	12.93	202	566090	47.273	ng		98
80) Butylbenzylphthalate	13.52	149	239159	44.236	ng		98
81) Benzo(a)anthracene	14.12	228	424443	43.849	ng		98
82) 3,3'-Dichlorobenzidine	14.07	252	99175	29.881	ng		98
83) Chrysene	14.16	228	408013	42.819	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	302810	42.034	ng		97
85) Di-n-octyl phthalate	14.69	149	456408	40.136	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	315023	46.057	ng		98
88) Benzo(b)fluoranthene	15.20	252	316883	48.364	ng		99
89) Benzo(k)fluoranthene	15.23	252	307591	45.610	ng		98
90) Benzo(a)pyrene	15.60	252	289036	47.392	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	264409	52.545	ng		99
92) Benzo(g,h,i)perylene	17.73	276	261850	53.969	ng		99

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

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