Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112030.D
Acq On : 11 Jan 2019 22:00
Operator : JU/SJ
Sample : K1088-11MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MSD

Manual Integrations APPROVED
Sohil
1/14/2019 4:10:38 PM

Quant Time: Jan 12 01:43:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	71932	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	249359	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	110929	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	192339	20.00	ng		0.02
76) Chrysene-d12	14.07	240	165468	20.00	ng		0.03
87) Perylene-d12	15.56	264	147455	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	907974	215.95	ng		0.01
7) Phenol-d6	6.53	99	691341	127.57	ng		0.01
23) Nitrobenzene-d5	7.44	82	407169	87.27	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	174182	120.72	ng		0.01
45) 2-Fluorobiphenyl	9.23	172	737058	96.89	ng		0.00
79) Terphenyl-d14	13.01	244	849490	97.45	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	109090	59.338	ng		98
3) Pyridine	3.43	79	245363	51.491	ng		99
4) n-Nitrosodimethylamine	3.37	42	154576	65.199	ng		97
6) Aniline	6.54	93	58837	8.979	ng	#	1
8) 2-Chlorophenol	6.67	128	202891	43.457	ng		91
9) Benzaldehyde	6.42	77	70736	19.201	ng		97
10) Phenol	6.54	94	264382	44.887	ng		84
11) bis(2-Chloroethyl)ether	6.61	93	191801	42.093	ng		95
12) 1,3-Dichlorobenzene	6.82	146	226492	41.847	ng		99
13) 1,4-Dichlorobenzene	6.89	146	231420	42.135	ng		97
14) 1,2-Dichlorobenzene	7.05	146	217348	41.399	ng		99
15) Benzyl Alcohol	7.02	79	177545	41.408	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	278683	35.872	ng		83
17) 2-Methylphenol	7.14	107	158652	42.281	ng		94
18) Hexachloroethane	7.39	117	58766	30.645	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	148260	42.107	ng		99
20) 3+4-Methylphenols	7.29	107	209498	44.861	ng	#	77
22) Acetophenone	7.28	105	283360	44.885	ng		92
24) Nitrobenzene	7.46	77	205855	43.616	ng		97
25) Isophorone	7.70	82	367448	48.635	ng		98
26) 2-Nitrophenol	7.77	139	83490	35.926	ng		97
27) 2,4-Dimethylphenol	7.82	122	173029	51.495	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	231303	45.866	ng		98
29) 2,4-Dichlorophenol	8.03	162	169026	43.746	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	179140	42.028	ng		99
31) Naphthalene	8.19	128	560034	47.311	ng		98
32) Benzoic acid	7.89	122	4366m	2.002	ng		
33) 4-Chloroaniline	8.23	127	51476	10.060	ng		95
34) Hexachlorobutadiene	8.30	225	112279	42.313	ng		99
35) Caprolactam	8.58	113	57622m	45.646	ng		
36) 4-Chloro-3-methylphenol	8.72	107	164677	42.866	ng		94
37) 2-Methylnaphthalene	8.87	142	357662	48.762	ng		99
38) 1-Methylnaphthalene	8.97	142	329319	46.811	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	166213	47.000	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	2454	1.200	ng		89
43) 2,4,6-Trichlorophenol	9.16	196	108112	45.072	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	109957	43.753	ng	#	94
46) 1,1'-Biphenyl	9.34	154	434448	46.820	ng		97
47) 2-Chloronaphthalene	9.36	162	323811	44.464	ng		98
48) 2-Nitroaniline	9.46	65	110449	49.606	ng		92
49) Acenaphthylene	9.78	152	498610	46.311	ng		99
50) Dimethylphthalate	9.63	163	442680	53.123	ng		98
51) 2,6-Dinitrotoluene	9.70	165	75269	40.392	ng		97
52) Acenaphthene	9.96	154	405112	58.365	ng		96
53) 3-Nitroaniline	9.86	138	62172	31.155	ng	#	95
54) 2,4-Dinitrophenol	9.98	184	545	0.691	ng	#	1
55) Dibenzofuran	10.13	168	509415	50.465	ng		98
56) 4-Nitrophenol	10.05	139	113667	80.613	ng		88
57) 2,4-Dinitrotoluene	10.10	165	103654	43.048	ng	#	97
58) Fluorene	10.47	166	445158	60.606	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	83208	39.296	ng	#	87
60) Diethylphthalate	10.33	149	379249	47.028	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	171380	41.608	ng		94
62) 4-Nitroaniline	10.48	138	85034	44.925	ng		88
63) Azobenzene	10.62	77	329860	42.818	ng		89
65) 4,6-Dinitro-2-methylphenol	10.52	198	2862	2.412	ng	#	1
66) n-Nitrosodiphenylamine	10.57	169	333461	51.664	ng		97
67) 4-Bromophenyl-phenylether	10.95	248	102090	40.980	ng		94
68) Hexachlorobenzene	11.03	284	124770	45.191	ng		96
69) Atrazine	11.11	200	109107	48.113	ng		97
70) Pentachlorophenol	11.22	266	93442	59.475	ng		99
71) Phenanthrene	11.44	178	716011	69.628	ng		99
72) Anthracene	11.49	178	610435	58.476	ng		97
73) Carbazole	11.64	167	638128	62.844	ng		97
74) Di-n-butylphthalate	11.97	149	744718	63.140	ng		98
75) Fluoranthene	12.64	202	868272	82.247	ng		97
77) Benzidine	12.74	184	130781	26.451	ng	#	83
78) Pyrene	12.87	202	794316	69.767	ng		99
80) Butylbenzylphthalate	13.47	149	268827	55.851	ng		90
81) Benzo(a)anthracene	14.06	228	491663	51.629	ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	42323	12.038	ng	#	85
83) Chrysene	14.10	228	450001	49.560	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	553018	87.485	ng	#	96
85) Di-n-octyl phthalate	14.64	149	490132	54.181	ng	#	57
86) Indeno(1,2,3-cd)pyrene	17.07	276	371804	56.167	ng		99
88) Benzo(b)fluoranthene	15.12	252	370966	42.057	ng	#	81
89) Benzo(k)fluoranthene	15.16	252	311357	37.552	ng	#	89
90) Benzo(a)pyrene	15.50	252	394454	50.860	ng	#	88
91) Dibenzo(a,h)anthracene	17.07	278	301338	48.308	ng	#	96
92) Benzo(g,h,i)perylene	17.52	276	210345	34.476	ng		98

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

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