Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118362.D
Acq On : 28 Dec 2019 13:41
Operator : JU
Sample : PB125755BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125755BS

Manual Integrations APPROVED
mohammad
12/30/2019 2:08:36 PM

Quant Time: Dec 29 07:28:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147413	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	615190	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	333428	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	620001	20.00	ng		0.00
76) Chrysene-d12	14.06	240	394557	20.00	ng		0.00
87) Perylene-d12	15.54	264	249128	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	996393	115.38	ng		0.02
7) Phenol-d6	6.50	99	1204647	112.45	ng		0.01
23) Nitrobenzene-d5	7.42	82	795025	73.91	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	428220	104.00	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1658809	75.94	ng		0.00
79) Terphenyl-d14	12.99	244	1882153	79.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	130894	38.128	ng		99
3) Pyridine	3.45	79	304262	33.265	ng		98
4) n-Nitrosodimethylamine	3.40	42	150443	39.782	ng		100
6) Aniline	6.52	93	378600	27.831	ng	#	79
8) 2-Chlorophenol	6.65	128	426436	43.600	ng		99
9) Benzaldehyde	6.40	77	117662	18.733	ng		98
10) Phenol	6.51	94	499982	41.523	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	365932	42.494	ng		97
12) 1,3-Dichlorobenzene	6.79	146	448415	39.808	ng		99
13) 1,4-Dichlorobenzene	6.87	146	460381	40.238	ng		98
14) 1,2-Dichlorobenzene	7.03	146	430559	39.859	ng		97
15) Benzyl Alcohol	7.00	79	346029	42.422	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	375066	40.817	ng		84
17) 2-Methylphenol	7.12	107	339895	43.328	ng		96
18) Hexachloroethane	7.36	117	168024	40.014	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	274913	41.656	ng		98
20) 3+4-Methylphenols	7.27	107	426313	42.461	ng		95
22) Acetophenone	7.27	105	570800	37.857	ng	#	95
24) Nitrobenzene	7.44	77	417567	38.755	ng		99
25) Isophorone	7.68	82	749858	40.002	ng		100
26) 2-Nitrophenol	7.76	139	239688	41.999	ng		96
27) 2,4-Dimethylphenol	7.80	122	365515	46.942	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	476080	38.834	ng		99
29) 2,4-Dichlorophenol	8.00	162	360629	40.239	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	398282	38.149	ng		98
31) Naphthalene	8.16	128	1240169	39.663	ng		100
32) Benzoic acid	7.95	122	224808	35.823	ng		97
33) 4-Chloroaniline	8.22	127	281288	20.985	ng		97
34) Hexachlorobutadiene	8.27	225	231358	37.228	ng		100
35) Caprolactam	8.60	113	113771m	40.661	ng		
36) 4-Chloro-3-methylphenol	8.71	107	380257	39.518	ng		100
37) 2-Methylnaphthalene	8.86	142	868380	40.563	ng		99
38) 1-Methylnaphthalene	8.96	142	820071	40.659	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	377462	37.678	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	213645	53.960	ng	96
43) 2,4,6-Trichlorophenol	9.14	196	256485	38.323	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	266994	38.780	ng	98
46) 1,1'-Biphenyl	9.32	154	1018166	38.608	ng	99
47) 2-Chloronaphthalene	9.35	162	795220	37.466	ng	98
48) 2-Nitroaniline	9.45	65	214489	35.777	ng	97
49) Acenaphthylene	9.77	152	1239891	39.387	ng	99
50) Dimethylphthalate	9.62	163	949848	37.951	ng	99
51) 2,6-Dinitrotoluene	9.69	165	208455	38.632	ng	98
52) Acenaphthene	9.94	154	724276	37.773	ng	99
53) 3-Nitroaniline	9.86	138	142149	22.445	ng	91
54) 2,4-Dinitrophenol	9.98	184	188756	70.067	ng	99
55) Dibenzofuran	10.11	168	1101933	38.894	ng	96
56) 4-Nitrophenol	10.04	139	273581	69.974	ng	94
57) 2,4-Dinitrotoluene	10.10	165	275530	38.214	ng	90
58) Fluorene	10.46	166	874877	38.253	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	226963	38.798	ng	99
60) Diethylphthalate	10.33	149	951922	38.445	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	436059	38.193	ng	97
62) 4-Nitroaniline	10.49	138	202007	30.704	ng	97
63) Azobenzene	10.60	77	822816	38.796	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	138133	41.299	ng	84
66) n-Nitrosodiphenylamine	10.57	169	766446	38.571	ng	98
67) 4-Bromophenyl-phenylether	10.94	248	275034	37.905	ng	95
68) Hexachlorobenzene	11.01	284	311632	36.488	ng	97
69) Atrazine	11.10	200	252633	41.194	ng	96
70) Pentachlorophenol	11.21	266	270352	73.091	ng	99
71) Phenanthrene	11.43	178	1275207	37.729	ng	99
72) Anthracene	11.48	178	1305694	38.595	ng	99
73) Carbazole	11.63	167	1104088	36.779	ng	99
74) Di-n-butylphthalate	11.96	149	1506587	39.581	ng	99
75) Fluoranthene	12.62	202	1269223	37.209	ng	99
77) Benzidine	12.74	184	266263	24.629	ng	98
78) Pyrene	12.85	202	1275761	39.596	ng	100
80) Butylbenzylphthalate	13.46	149	596084	41.089	ng	95
81) Benzo(a)anthracene	14.04	228	1030785	37.323	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	295244	31.530	ng	98
83) Chrysene	14.08	228	961096	36.344	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	830611	43.542	ng	99
85) Di-n-octyl phthalate	14.63	149	1240682	44.215	ng	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	802493	35.615	ng	100
88) Benzo(b)fluoranthene	15.10	252	836753	50.599	ng	97
89) Benzo(k)fluoranthene	15.14	252	790518	49.785	ng	98
90) Benzo(a)pyrene	15.48	252	697597	47.886	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	682750	54.007	ng	96
92) Benzo(g,h,i)perylene	17.52	276	671995	55.028	ng	98

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

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