Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115564.D
Acq On : 15 Jul 2019 18:46
Operator : HP/JU
Sample : PB121220BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121220BS

Quant Time: Jul 16 03:43:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	167456	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	658201	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	340433	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	660781	20.00	ng		0.00
76) Chrysene-d12	14.04	240	444127	20.00	ng		-0.01
87) Perylene-d12	15.50	264	426378	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1190929	116.33	ng		0.01
7) Phenol-d6	6.52	99	1511175	116.33	ng		0.00
23) Nitrobenzene-d5	7.44	82	967964	85.51	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	495451	124.68	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1844251	94.82	ng		-0.01
79) Terphenyl-d14	12.99	244	1959301	81.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	188875	36.986	ng		99
3) Pyridine	3.53	79	504971	36.447	ng		99
4) n-Nitrosodimethylamine	3.48	42	192317	38.263	ng		97
6) Aniline	6.55	93	573146	31.705	ng		98
8) 2-Chlorophenol	6.67	128	483090	41.043	ng		99
9) Benzaldehyde	6.43	77	347984	42.867	ng		99
10) Phenol	6.53	94	614645	40.759	ng		82
11) bis(2-Chloroethyl)ether	6.62	93	454134	39.555	ng		100
12) 1,3-Dichlorobenzene	6.82	146	517548	39.109	ng		98
13) 1,4-Dichlorobenzene	6.90	146	528956	40.061	ng		97
14) 1,2-Dichlorobenzene	7.05	146	497622	41.228	ng		98
15) Benzyl Alcohol	7.02	79	435801	42.291	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	600710	39.742	ng		98
17) 2-Methylphenol	7.13	107	422762	41.678	ng		98
18) Hexachloroethane	7.40	117	193060	39.393	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	335517	39.603	ng		97
20) 3+4-Methylphenols	7.28	107	499341	41.444	ng		94
22) Acetophenone	7.29	105	661812	44.507	ng	#	98
24) Nitrobenzene	7.46	77	532120	43.583	ng		96
25) Isophorone	7.70	82	976145	43.095	ng		98
26) 2-Nitrophenol	7.77	139	280313	44.605	ng		99
27) 2,4-Dimethylphenol	7.81	122	471388	50.133	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	589704	42.438	ng		99
29) 2,4-Dichlorophenol	8.02	162	427432	43.709	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	468597	42.392	ng		98
31) Naphthalene	8.19	128	1412383	44.308	ng		97
32) Benzoic acid	7.93	122	321257	41.632	ng		99
33) 4-Chloroaniline	8.23	127	384946	27.263	ng		98
34) Hexachlorobutadiene	8.31	225	264197	41.679	ng		99
35) Caprolactam	8.60	113	141116m	46.699	ng		
36) 4-Chloro-3-methylphenol	8.71	107	459945	45.343	ng		99
37) 2-Methylnaphthalene	8.88	142	977246	46.249	ng		96
38) 1-Methylnaphthalene	8.97	142	909930	45.337	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	435939	42.524	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	455998	77.976 ng	100
43) 2,4,6-Trichlorophenol	9.15	196	325216	43.380 ng	98
44) 2,4,5-Trichlorophenol	9.19	196	329950	42.975 ng	99
46) 1,1'-Biphenyl	9.34	154	1180526	44.356 ng	98
47) 2-Chloronaphthalene	9.37	162	942165	42.515 ng	96
48) 2-Nitroaniline	9.46	65	281341	41.017 ng	98
49) Acenaphthylene	9.78	152	1429811	43.543 ng	98
50) Dimethylphthalate	9.64	163	1095636	42.776 ng	99
51) 2,6-Dinitrotoluene	9.70	165	257724	44.277 ng	97
52) Acenaphthene	9.96	154	1003902	47.354 ng	99
53) 3-Nitroaniline	9.86	138	183713	27.619 ng	99
54) 2,4-Dinitrophenol	9.97	184	262603	87.872 ng	97
55) Dibenzofuran	10.13	168	1296386	43.060 ng	99
56) 4-Nitrophenol	10.03	139	461476	90.980 ng	99
57) 2,4-Dinitrotoluene	10.10	165	337107	44.703 ng	94
58) Fluorene	10.47	166	946240	43.965 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	290279	45.228 ng	98
60) Diethylphthalate	10.34	149	1055102	43.966 ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	492353	41.251 ng	96
62) 4-Nitroaniline	10.49	138	268383	42.064 ng	97
63) Azobenzene	10.62	77	1030604	44.275 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	180539	44.719 ng	85
66) n-Nitrosodiphenylamine	10.57	169	889821	43.291 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	314568	41.658 ng	94
68) Hexachlorobenzene	11.02	284	359326	41.669 ng	99
69) Atrazine	11.10	200	285987	42.412 ng	99
70) Pentachlorophenol	11.21	266	430118	81.550 ng	99
71) Phenanthrene	11.43	178	1452367	42.879 ng	98
72) Anthracene	11.48	178	1488278	42.517 ng	99
73) Carbazole	11.63	167	1325192	43.171 ng	98
74) Di-n-butylphthalate	11.96	149	1577604	41.724 ng	99
75) Fluoranthene	12.62	202	1513877	42.296 ng	98
77) Benzidine	12.73	184	836123	53.144 ng	100
78) Pyrene	12.84	202	1530600	40.677 ng	98
80) Butylbenzylphthalate	13.46	149	660088	41.151 ng	96
81) Benzo(a)anthracene	14.03	228	1201471	41.063 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	347059	33.366 ng	99
83) Chrysene	14.07	228	1249458	42.539 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	824550	41.499 ng	100
85) Di-n-octyl phthalate	14.63	149	1421601	44.968 ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1062777	42.589 ng	100
88) Benzo(b)fluoranthene	15.08	252	1162297	42.334 ng	99
89) Benzo(k)fluoranthene	15.11	252	1107009	45.225 ng	98
90) Benzo(a)pyrene	15.44	252	1057284	44.805 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	887566	42.844 ng	100
92) Benzo(g,h,i)perylene	17.42	276	800699	38.754 ng	100

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

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