Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115566.D
Acq On : 15 Jul 2019 19:40
Operator : HP/JU
Sample : PB121287BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121287BS

Quant Time: Jul 16 03:49:46 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	163045	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	656473	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	334300	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	654130	20.00	ng		0.00
76) Chrysene-d12	14.04	240	438930	20.00	ng		-0.01
87) Perylene-d12	15.50	264	419347	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1170642	117.44	ng		0.01
7) Phenol-d6	6.52	99	1500426	118.63	ng		0.00
23) Nitrobenzene-d5	7.44	82	962756	85.28	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	483680	123.95	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1815017	95.03	ng		-0.01
79) Terphenyl-d14	12.99	244	1948133	81.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	190934	38.401	ng		99
3) Pyridine	3.53	79	487647	36.149	ng		99
4) n-Nitrosodimethylamine	3.48	42	188446	38.507	ng		99
6) Aniline	6.55	93	566578	32.189	ng		98
8) 2-Chlorophenol	6.67	128	478801	41.779	ng		98
9) Benzaldehyde	6.43	77	348135	44.046	ng		99
10) Phenol	6.53	94	607339	41.364	ng		82
11) bis(2-Chloroethyl)ether	6.62	93	448694	40.138	ng		100
12) 1,3-Dichlorobenzene	6.82	146	516937	40.119	ng		99
13) 1,4-Dichlorobenzene	6.90	146	526156	40.927	ng		97
14) 1,2-Dichlorobenzene	7.05	146	490507	41.738	ng		98
15) Benzyl Alcohol	7.02	79	427701	42.628	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	593491	40.327	ng		97
17) 2-Methylphenol	7.13	107	412673	41.784	ng		98
18) Hexachloroethane	7.40	117	191502	40.132	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	334789	40.586	ng		97
20) 3+4-Methylphenols	7.28	107	491692	41.913	ng		95
22) Acetophenone	7.29	105	653690	44.077	ng	#	97
24) Nitrobenzene	7.46	77	524877	43.103	ng		95
25) Isophorone	7.70	82	963310	42.641	ng		98
26) 2-Nitrophenol	7.77	139	273153	43.580	ng		98
27) 2,4-Dimethylphenol	7.81	122	463585	49.433	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	591433	42.674	ng		99
29) 2,4-Dichlorophenol	8.02	162	432650	44.360	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	466904	42.350	ng		98
31) Naphthalene	8.19	128	1411171	44.386	ng		97
32) Benzoic acid	7.93	122	310705	40.370	ng		97
33) 4-Chloroaniline	8.23	127	379129	26.922	ng		97
34) Hexachlorobutadiene	8.30	225	261484	41.359	ng		100
35) Caprolactam	8.60	113	137467m	45.611	ng		
36) 4-Chloro-3-methylphenol	8.71	107	451664	44.644	ng		99
37) 2-Methylnaphthalene	8.87	142	954038	45.269	ng		98
38) 1-Methylnaphthalene	8.97	142	894326	44.677	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	432476	42.960	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	449553	78.284 ng	100
43) 2,4,6-Trichlorophenol	9.15	196	316709	43.020 ng	98
44) 2,4,5-Trichlorophenol	9.19	196	324905	43.095 ng	99
46) 1,1'-Biphenyl	9.34	154	1168050	44.693 ng	98
47) 2-Chloronaphthalene	9.36	162	918335	42.200 ng	98
48) 2-Nitroaniline	9.46	65	278177	41.300 ng	97
49) Acenaphthylene	9.78	152	1420848	44.064 ng	98
50) Dimethylphthalate	9.64	163	1073499	42.681 ng	99
51) 2,6-Dinitrotoluene	9.70	165	251211	43.950 ng	95
52) Acenaphthene	9.96	154	987788	47.448 ng	98
53) 3-Nitroaniline	9.86	138	181254	27.749 ng	98
54) 2,4-Dinitrophenol	9.97	184	257499	87.745 ng	94
55) Dibenzofuran	10.13	168	1259982	42.618 ng	99
56) 4-Nitrophenol	10.03	139	454295	91.208 ng	99
57) 2,4-Dinitrotoluene	10.10	165	329589	44.508 ng	93
58) Fluorene	10.47	166	927310	43.876 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	282645	44.847 ng	99
60) Diethylphthalate	10.34	149	1037080	44.007 ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	482996	41.209 ng	95
62) 4-Nitroaniline	10.49	138	262614	41.914 ng	96
63) Azobenzene	10.62	77	995495	43.551 ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	177667	44.455 ng	97
66) n-Nitrosodiphenylamine	10.57	169	873859	42.946 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	311291	41.643 ng	94
68) Hexachlorobenzene	11.02	284	348112	40.779 ng	99
69) Atrazine	11.10	200	279148	41.819 ng	98
70) Pentachlorophenol	11.21	266	416720	79.813 ng	98
71) Phenanthrene	11.43	178	1438665	42.907 ng	98
72) Anthracene	11.48	178	1480495	42.725 ng	99
73) Carbazole	11.63	167	1295242	42.625 ng	99
74) Di-n-butylphthalate	11.96	149	1552825	41.486 ng	99
75) Fluoranthene	12.62	202	1470586	41.504 ng	98
77) Benzidine	12.73	184	824332	53.014 ng	100
78) Pyrene	12.85	202	1520580	40.889 ng	97
80) Butylbenzylphthalate	13.46	149	646430	40.777 ng	96
81) Benzo(a)anthracene	14.03	228	1175465	40.650 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	343796	33.444 ng	99
83) Chrysene	14.07	228	1221537	42.081 ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	807416	41.118 ng	100
85) Di-n-octyl phthalate	14.63	149	1396296	44.690 ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1053849	42.732 ng	99
88) Benzo(b)fluoranthene	15.08	252	1126555	41.720 ng	99
89) Benzo(k)fluoranthene	15.11	252	1091492	45.339 ng	99
90) Benzo(a)pyrene	15.44	252	1036387	44.656 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	878752	43.130 ng	98
92) Benzo(g,h,i)perylene	17.42	276	809890	39.857 ng	98

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

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