Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116105.D
Acq On : 9 Aug 2019 11:30
Operator : HP/JU
Sample : PB122075BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122075BS

Manual Integrations APPROVED
Sohil
8/13/2019 7:17:47 AM

Quant Time: Aug 10 02:39:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130314	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	534432	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	278092	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	474332	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	329930	20.00	ng	0.00
87) Perylene-d12	15.46	264	276339	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	872413	112.07	ng	0.00
7) Phenol-d6	6.48	99	1098336	111.83	ng	0.00
23) Nitrobenzene-d5	7.40	82	715161	77.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	303951	112.73	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1237866	83.38	ng	-0.01
79) Terphenyl-d14	12.94	244	1330551	84.98	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	157916	40.156	ng	99
3) Pyridine	3.45	79	366717	33.383	ng	99
4) n-Nitrosodimethylamine	3.39	42	163411	37.694	ng	98
6) Aniline	6.50	93	427605	30.402	ng	92
8) 2-Chlorophenol	6.63	128	372609	43.287	ng	96
9) Benzaldehyde	6.39	77	150291	22.178	ng	98
10) Phenol	6.49	94	466573	40.342	ng	89
11) bis(2-Chloroethyl)ether	6.57	93	356871	41.970	ng	99
12) 1,3-Dichlorobenzene	6.78	146	397132	39.920	ng	98
13) 1,4-Dichlorobenzene	6.86	146	406046	40.765	ng	98
14) 1,2-Dichlorobenzene	7.01	146	373119	40.682	ng	99
15) Benzyl Alcohol	6.99	79	306382	41.107	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	463869	39.995	ng	88
17) 2-Methylphenol	7.10	107	307184	42.145	ng	99
18) Hexachloroethane	7.35	117	147648	40.261	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	253463	41.647	ng	97
20) 3+4-Methylphenols	7.25	107	375688	43.557	ng	96
22) Acetophenone	7.25	105	500394	42.693	ng	99
24) Nitrobenzene	7.42	77	411617	41.174	ng	100
25) Isophorone	7.66	82	738297	41.703	ng	100
26) 2-Nitrophenol	7.74	139	204962	43.494	ng	95
27) 2,4-Dimethylphenol	7.77	122	329978	46.543	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	454576	41.427	ng	99
29) 2,4-Dichlorophenol	7.99	162	320410	42.802	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	347108	40.677	ng	99
31) Naphthalene	8.14	128	1076143	42.790	ng	99
32) Benzoic acid	7.93	122	179845	35.980	ng	95
33) 4-Chloroaniline	8.19	127	277495	24.695	ng	98
34) Hexachlorobutadiene	8.26	225	194221	39.515	ng	98
35) Caprolactam	8.56	113	94630m	39.085	ng	
36) 4-Chloro-3-methylphenol	8.68	107	330151	42.394	ng	99
37) 2-Methylnaphthalene	8.83	142	705405	42.589	ng	99
38) 1-Methylnaphthalene	8.93	142	662802	42.300	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	325624	43.799	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	146867	46.669 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	204481	39.959 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	220525	41.689 ng	98
46) 1,1'-Biphenyl	9.29	154	854083	43.502 ng	98
47) 2-Chloronaphthalene	9.32	162	672541	41.158 ng	99
48) 2-Nitroaniline	9.42	65	209914	38.864 ng	97
49) Acenaphthylene	9.73	152	1007111	42.246 ng	98
50) Dimethylphthalate	9.59	163	776876	41.029 ng	100
51) 2,6-Dinitrotoluene	9.66	165	173764	42.228 ng	99
52) Acenaphthene	9.91	154	607277	41.523 ng	99
53) 3-Nitroaniline	9.83	138	134726	26.498 ng	97
54) 2,4-Dinitrophenol	9.95	184	137474	67.084 ng	96
55) Dibenzofuran	10.08	168	888982	41.798 ng	99
56) 4-Nitrophenol	10.01	139	220770	67.781 ng	92
57) 2,4-Dinitrotoluene	10.07	165	219330	40.034 ng	95
58) Fluorene	10.42	166	702218	42.913 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	187949	42.233 ng	99
60) Diethylphthalate	10.29	149	734265	41.535 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	354700	42.800 ng	99
62) 4-Nitroaniline	10.45	138	187566	35.696 ng	99
63) Azobenzene	10.57	77	762225	41.919 ng	95
65) 4,6-Dinitro-2-methylphenol	10.49	198	109565	43.588 ng	98
66) n-Nitrosodiphenylamine	10.53	169	616070	43.151 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	214539	42.251 ng	96
68) Hexachlorobenzene	10.97	284	240834	41.017 ng	97
69) Atrazine	11.06	200	188377	40.107 ng	100
70) Pentachlorophenol	11.17	266	212669	74.604 ng	98
71) Phenanthrene	11.39	178	1019736	42.053 ng	99
72) Anthracene	11.44	178	1065250	43.407 ng	99
73) Carbazole	11.59	167	960872	43.157 ng	100
74) Di-n-butylphthalate	11.92	149	1130011	43.507 ng	98
75) Fluoranthene	12.57	202	1073094	42.271 ng	98
77) Benzidine	12.69	184	344041	30.866 ng	98
78) Pyrene	12.80	202	1081085	43.468 ng	99
80) Butylbenzylphthalate	13.41	149	464546	44.157 ng	97
81) Benzo(a)anthracene	13.99	228	872512	41.375 ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	270555	36.929 ng	99
83) Chrysene	14.03	228	853103	41.669 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	628370	45.963 ng	99
85) Di-n-octyl phthalate	14.58	149	964127	44.400 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	723021	42.048 ng	99
88) Benzo(b)fluoranthene	15.04	252	798896	49.999 ng	99
89) Benzo(k)fluoranthene	15.07	252	696306	44.741 ng	99
90) Benzo(a)pyrene	15.41	252	699872	48.999 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	620949	50.223 ng	99
92) Benzo(g,h,i)perylene	17.38	276	615401	50.682 ng	99

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

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