Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116221.D
Acq On : 13 Aug 2019 10:25
Operator : HP/JU
Sample : PB122176BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122176BS

Quant Time: Aug 13 23:33:08 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	6.83	152	121986	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	499489	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	265129	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	458851	20.00	ng	0.00
76) Chrysene-d12	14.01	240	322157	20.00	ng	0.00
87) Perylene-d12	15.47	264	291637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	851047	116.79	ng	0.00
7) Phenol-d6	6.48	99	1045396	113.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	688593	79.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	285657	111.13	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1178384	83.25	ng	-0.01
79) Terphenyl-d14	12.94	244	1315121	86.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.69	88	152365	41.390	ng	99
3) Pyridine	3.44	79	367304	35.719	ng	99
4) n-Nitrosodimethylamine	3.39	42	153396	37.800	ng	98
6) Aniline	6.50	93	423162	32.140	ng	95
8) 2-Chlorophenol	6.63	128	360601	44.752	ng	98
9) Benzaldehyde	6.39	77	145107	22.875	ng	97
10) Phenol	6.49	94	448149	41.394	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	348920	43.836	ng	97
12) 1,3-Dichlorobenzene	6.77	146	389504	41.827	ng	99
13) 1,4-Dichlorobenzene	6.85	146	395398	42.406	ng	99
14) 1,2-Dichlorobenzene	7.00	146	364391	42.442	ng	98
15) Benzyl Alcohol	6.99	79	296677	42.522	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	456790	42.073	ng	90
17) 2-Methylphenol	7.10	107	298445	43.742	ng	97
18) Hexachloroethane	7.35	117	142994	41.654	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	246265	43.227	ng	98
20) 3+4-Methylphenols	7.25	107	370036	45.830	ng	97
22) Acetophenone	7.25	105	487095	44.465	ng	98
24) Nitrobenzene	7.42	77	398438	42.644	ng	98
25) Isophorone	7.66	82	718375	43.416	ng	98
26) 2-Nitrophenol	7.73	139	199453	45.286	ng	98
27) 2,4-Dimethylphenol	7.77	122	319163	48.166	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	446056	43.494	ng	100
29) 2,4-Dichlorophenol	7.98	162	312320	44.640	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	333682	41.840	ng	99
31) Naphthalene	8.14	128	1030429	43.839	ng	99
32) Benzoic acid	7.93	122	180251	38.584	ng	97
33) 4-Chloroaniline	8.19	127	303200	28.870	ng	97
34) Hexachlorobutadiene	8.25	225	189890	41.337	ng	99
35) Caprolactam	8.57	113	96995m	42.865	ng	
36) 4-Chloro-3-methylphenol	8.69	107	323918	44.503	ng	94
37) 2-Methylnaphthalene	8.83	142	688752	44.493	ng	99
38) 1-Methylnaphthalene	8.93	142	638773	43.618	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	315488	44.510	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	127495	43.024 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	203257	41.662 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	213171	42.269 ng	96
46) 1,1'-Biphenyl	9.29	154	837611	44.749 ng	99
47) 2-Chloronaphthalene	9.32	162	651774	41.837 ng	100
48) 2-Nitroaniline	9.42	65	206567	40.115 ng	94
49) Acenaphthylene	9.73	152	978092	43.034 ng	99
50) Dimethylphthalate	9.59	163	763997	42.321 ng	99
51) 2,6-Dinitrotoluene	9.66	165	168878	43.047 ng	91
52) Acenaphthene	9.91	154	592823	42.516 ng	99
53) 3-Nitroaniline	9.83	138	144176	29.743 ng	97
54) 2,4-Dinitrophenol	9.96	184	129311	66.290 ng	96
55) Dibenzofuran	10.08	168	841204	41.485 ng	99
56) 4-Nitrophenol	10.02	139	202344	65.161 ng	95
57) 2,4-Dinitrotoluene	10.07	165	211255	40.445 ng	94
58) Fluorene	10.42	166	687104	44.043 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	189414	44.643 ng	98
60) Diethylphthalate	10.29	149	740851	43.957 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	345520	43.731 ng	99
62) 4-Nitroaniline	10.46	138	164645	32.866 ng	98
63) Azobenzene	10.57	77	761459	43.925 ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	103925	42.739 ng	96
66) n-Nitrosodiphenylamine	10.53	169	617381	44.702 ng	99
67) 4-Bromophenyl-phenylether	10.90	248	210947	42.945 ng	96
68) Hexachlorobenzene	10.98	284	234050	41.206 ng	97
69) Atrazine	11.06	200	189884	41.792 ng	98
70) Pentachlorophenol	11.18	266	219233	79.502 ng	98
71) Phenanthrene	11.39	178	1012753	43.174 ng	100
72) Anthracene	11.44	178	1043790	43.968 ng	99
73) Carbazole	11.59	167	950929	44.151 ng	99
74) Di-n-butylphthalate	11.92	149	1171505	46.627 ng	99
75) Fluoranthene	12.57	202	1074491	43.754 ng	97
77) Benzidine	12.70	184	354131	32.537 ng	97
78) Pyrene	12.80	202	1080292	44.485 ng	99
80) Butylbenzylphthalate	13.41	149	495567	48.242 ng	97
81) Benzo(a)anthracene	14.00	228	893790	43.407 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	288230	40.291 ng	99
83) Chrysene	14.03	228	860836	43.062 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	693224	51.931 ng	98
85) Di-n-octyl phthalate	14.57	149	1112483	52.468 ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	773506	46.069 ng	99
88) Benzo(b)fluoranthene	15.04	252	858513	50.912 ng	99
89) Benzo(k)fluoranthene	15.07	252	706707	43.027 ng	99
90) Benzo(a)pyrene	15.42	252	747866	49.613 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	650241	49.834 ng	98
92) Benzo(g,h,i)perylene	17.40	276	646500	50.450 ng	97

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

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