Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115034.D
Acq On : 14 Jun 2019 12:44
Operator : HP/JU
Sample : PB120572BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120572BS

Quant Time: Jun 17 03:42:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	247893	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	963286	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	470216	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	916715	20.00	ng		0.00
76) Chrysene-d12	13.77	240	582455	20.00	ng		0.00
87) Perylene-d12	15.15	264	574518	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1675599	112.87	ng		0.01
7) Phenol-d6	6.30	99	2027696	113.23	ng		0.00
23) Nitrobenzene-d5	7.22	82	1273563	79.58	ng		0.00
42) 2,4,6-Tribromophenol	10.47	330	599114	118.98	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2434228	87.74	ng		0.00
79) Terphenyl-d14	12.73	244	2607006	84.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	287292	41.342	ng		100
3) Pyridine	3.05	79	782714	40.007	ng		99
4) n-Nitrosodimethylamine	2.99	42	289160	41.630	ng		99
6) Aniline	6.31	93	629853	26.263	ng	#	44
8) 2-Chlorophenol	6.44	128	737310	43.799	ng		99
9) Benzaldehyde	6.19	77	132212	7.474	ng		100
10) Phenol	6.31	94	825736	41.212	ng		90
11) bis(2-Chloroethyl)ether	6.39	93	657619	42.287	ng		99
12) 1,3-Dichlorobenzene	6.59	146	818953	41.651	ng		99
13) 1,4-Dichlorobenzene	6.66	146	835651	42.274	ng		98
14) 1,2-Dichlorobenzene	6.82	146	764452	41.077	ng		98
15) Benzyl Alcohol	6.80	79	460023	34.285	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	855287	41.092	ng		96
17) 2-Methylphenol	6.92	107	622304	44.321	ng		99
18) Hexachloroethane	7.16	117	295405	41.380	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	451728	41.517	ng		99
20) 3+4-Methylphenols	7.07	107	726741m	43.489	ng		
22) Acetophenone	7.06	105	1001987	45.951	ng		97
24) Nitrobenzene	7.23	77	736893	45.256	ng		97
25) Isophorone	7.47	82	1334500	44.523	ng		100
26) 2-Nitrophenol	7.55	139	423920	46.709	ng		96
27) 2,4-Dimethylphenol	7.60	122	656975	50.179	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	839931	43.677	ng		99
29) 2,4-Dichlorophenol	7.80	162	647050	46.782	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	709778	44.412	ng		99
31) Naphthalene	7.95	128	2136010	46.866	ng		99
32) Benzoic acid	7.74	122	416335	43.949	ng		97
33) 4-Chloroaniline	8.00	127	521400	24.783	ng		99
34) Hexachlorobutadiene	8.07	225	383730	43.197	ng		99
35) Caprolactam	8.37	113	203994m	44.282	ng		
36) 4-Chloro-3-methylphenol	8.50	107	668799	47.982	ng		98
37) 2-Methylnaphthalene	8.64	142	1440474	47.386	ng		99
38) 1-Methylnaphthalene	8.74	142	1367162	47.585	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	616282	44.363	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	605710	88.484 ng	99
43) 2,4,6-Trichlorophenol	8.92	196	439507	42.358 ng	99
44) 2,4,5-Trichlorophenol	8.97	196	481433	45.912 ng	97
46) 1,1'-Biphenyl	9.10	154	1679426	44.570 ng	99
47) 2-Chloronaphthalene	9.13	162	1346702	44.197 ng	100
48) 2-Nitroaniline	9.22	65	380935	42.297 ng	97
49) Acenaphthylene	9.54	152	2089564	44.602 ng	99
50) Dimethylphthalate	9.42	163	1544185	43.668 ng	99
51) 2,6-Dinitrotoluene	9.47	165	364597	45.453 ng	89
52) Acenaphthene	9.71	154	1208310	45.081 ng	99
53) 3-Nitroaniline	9.63	138	259220	26.376 ng	98
54) 2,4-Dinitrophenol	9.75	184	363208	93.351 ng	94
55) Dibenzofuran	9.89	168	1765727	43.710 ng	99
56) 4-Nitrophenol	9.82	139	582443	85.939 ng	92
57) 2,4-Dinitrotoluene	9.87	165	474954	46.520 ng	93
58) Fluorene	10.23	166	1291815	48.508 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.00	232	429006	50.650 ng	96
60) Diethylphthalate	10.11	149	1485550	43.935 ng	99
61) 4-Chlorophenyl-phenylether	10.22	204	621707	46.908 ng	98
62) 4-Nitroaniline	10.25	138	404262	40.911 ng	99
63) Azobenzene	10.38	77	1312281	44.363 ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	229142	44.597 ng	91
66) n-Nitrosodiphenylamine	10.34	169	1238607	45.201 ng	100
67) 4-Bromophenyl-phenylether	10.70	248	425391	43.218 ng	95
68) Hexachlorobenzene	10.77	284	463630	42.785 ng	93
69) Atrazine	10.87	200	392518	44.428 ng	100
70) Pentachlorophenol	10.97	266	530304	90.112 ng	99
71) Phenanthrene	11.18	178	2034375	42.982 ng	98
72) Anthracene	11.23	178	2134747	44.707 ng	100
73) Carbazole	11.39	167	1916490	45.984 ng	99
74) Di-n-butylphthalate	11.72	149	2215689	42.170 ng	100
75) Fluoranthene	12.36	202	2143290	44.284 ng	99
77) Benzidine	12.48	184	798342	33.887 ng	97
78) Pyrene	12.58	202	2160887	40.725 ng	100
80) Butylbenzylphthalate	13.21	149	1019075	41.119 ng	96
81) Benzo(a)anthracene	13.76	228	1845966	42.352 ng	99
82) 3,3'-Dichlorobenzidine	13.73	252	599084	35.851 ng	99
83) Chrysene	13.80	228	1891613	43.643 ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1206219	41.180 ng	99
85) Di-n-octyl phthalate	14.38	149	2222000	44.052 ng	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1622996	42.629 ng	100
88) Benzo(b)fluoranthene	14.77	252	1996410	52.273 ng	99
89) Benzo(k)fluoranthene	14.80	252	1602811m	47.813 ng	
90) Benzo(a)pyrene	15.10	252	1702557	51.662 ng	99
91) Dibenzo(a,h)anthracene	16.47	278	1348675	47.520 ng	98
92) Benzo(g,h,i)perylene	16.84	276	1355116	46.818 ng	100

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

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