Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115268.D
Acq On : 28 Jun 2019 9:10
Operator : HP/JU
Sample : PB120890BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120890BS

Manual Integrations APPROVED
mohammad
7/1/2019 3:05:29 PM

Quant Time: Jun 29 04:11:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	211223	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	819264	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	404684	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	782171	20.00	ng		0.00
76) Chrysene-d12	13.72	240	557936	20.00	ng		0.00
87) Perylene-d12	15.09	264	691456	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1555765	113.66	ng		0.02
7) Phenol-d6	6.25	99	1871725	112.66	ng		0.01
23) Nitrobenzene-d5	7.17	82	1096202	82.31	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	568565	133.23	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2175694	91.32	ng		0.00
79) Terphenyl-d14	12.68	244	2328242	88.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	255320	39.524	ng		99
3) Pyridine	2.90	79	655185	35.985	ng		96
4) n-Nitrosodimethylamine	2.84	42	259740	36.390	ng		94
6) Aniline	6.26	93	640175	28.037	ng	#	22
8) 2-Chlorophenol	6.39	128	635253	41.274	ng		96
9) Benzaldehyde	6.14	77	366265	33.792	ng		96
10) Phenol	6.26	94	733888	37.712	ng		90
11) bis(2-Chloroethyl)ether	6.34	93	578589	40.334	ng		100
12) 1,3-Dichlorobenzene	6.54	146	691596	40.489	ng		99
13) 1,4-Dichlorobenzene	6.62	146	707187	41.287	ng		99
14) 1,2-Dichlorobenzene	6.77	146	650516	41.011	ng		99
15) Benzyl Alcohol	6.75	79	488365	40.369	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	817349	39.285	ng		99
17) 2-Methylphenol	6.87	107	529794	41.703	ng		98
18) Hexachloroethane	7.11	117	248528	40.247	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	400655	37.669	ng		99
20) 3+4-Methylphenols	7.02	107	620023	42.267	ng	#	87
22) Acetophenone	7.01	105	840732	44.826	ng	#	97
24) Nitrobenzene	7.18	77	637956	43.481	ng		97
25) Isophorone	7.42	82	1159510	42.500	ng		99
26) 2-Nitrophenol	7.50	139	358405	49.464	ng		98
27) 2,4-Dimethylphenol	7.55	122	594278	50.093	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	745222	43.217	ng		99
29) 2,4-Dichlorophenol	7.74	162	557453	45.532	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	603592	44.633	ng		100
31) Naphthalene	7.91	128	1817232	45.187	ng		99
32) Benzoic acid	7.68	122	410819	48.513	ng		98
33) 4-Chloroaniline	7.95	127	481482	26.197	ng		99
34) Hexachlorobutadiene	8.03	225	329000	44.394	ng		100
35) Caprolactam	8.32	113	180040m	43.739	ng		
36) 4-Chloro-3-methylphenol	8.44	107	555183	44.777	ng		98
37) 2-Methylnaphthalene	8.60	142	1239492	45.712	ng		99
38) 1-Methylnaphthalene	8.70	142	1162350	44.883	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	525740	45.974	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	659979	97.329	ng	99
43) 2,4,6-Trichlorophenol	8.87	196	402843	45.629	ng	99
44) 2,4,5-Trichlorophenol	8.91	196	424528	46.693	ng	98
46) 1,1'-Biphenyl	9.06	154	1458770	45.051	ng	99
47) 2-Chloronaphthalene	9.08	162	1165853	44.387	ng	97
48) 2-Nitroaniline	9.17	65	328352	42.880	ng	96
49) Acenaphthylene	9.49	152	1828980	44.694	ng	99
50) Dimethylphthalate	9.37	163	1317243	44.242	ng	99
51) 2,6-Dinitrotoluene	9.42	165	311708	45.348	ng	96
52) Acenaphthene	9.67	154	1058145	41.322	ng	99
53) 3-Nitroaniline	9.58	138	241837	28.830	ng	97
54) 2,4-Dinitrophenol	9.70	184	343632	95.578	ng	94
55) Dibenzofuran	9.84	168	1587232	43.186	ng	99
56) 4-Nitrophenol	9.75	139	558450	83.042	ng	96
57) 2,4-Dinitrotoluene	9.82	165	407851	45.953	ng	93
58) Fluorene	10.18	166	1121689	45.983	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	356227	46.726	ng	97
60) Diethylphthalate	10.07	149	1294712	43.260	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	555401	48.253	ng	99
62) 4-Nitroaniline	10.20	138	347734	41.323	ng	98
63) Azobenzene	10.33	77	1204766	43.098	ng	98
65) 4,6-Dinitro-2-methylphenol	10.22	198	211527	50.534	ng	83
66) n-Nitrosodiphenylamine	10.29	169	1101777	45.213	ng	99
67) 4-Bromophenyl-phenylether	10.65	248	385805	45.494	ng	98
68) Hexachlorobenzene	10.72	284	417613	45.369	ng	96
69) Atrazine	10.82	200	355115	45.302	ng	98
70) Pentachlorophenol	10.91	266	508875	86.777	ng	97
71) Phenanthrene	11.13	178	1790622	42.519	ng	99
72) Anthracene	11.18	178	1840849	43.304	ng	99
73) Carbazole	11.33	167	1639890	43.200	ng	99
74) Di-n-butylphthalate	11.68	149	1980465	45.149	ng	99
75) Fluoranthene	12.31	202	1825205	43.438	ng	98
77) Benzidine	12.43	184	985967	39.798	ng	99
78) Pyrene	12.53	202	1905884	44.449	ng	99
80) Butylbenzylphthalate	13.17	149	880571	46.536	ng	94
81) Benzo(a)anthracene	13.71	228	1762422	44.023	ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	466930	32.298	ng	99
83) Chrysene	13.75	228	1657591	45.201	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1205849	48.634	ng	99
85) Di-n-octyl phthalate	14.34	149	2104899	50.527	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2106316	48.540	ng	99
88) Benzo(b)fluoranthene	14.72	252	1885610	43.704	ng	99
89) Benzo(k)fluoranthene	14.75	252	1634271	42.238	ng	100
90) Benzo(a)pyrene	15.04	252	1766068	45.415	ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1719101	47.353	ng	99
92) Benzo(g,h,i)perylene	16.75	276	1786310	48.616	ng	99

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

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