Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
Data File : BF118180.D
Acq On : 13 Dec 2019 12:21
Operator : JU
Sample : PB125387BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB125387BSD

Manual Integrations APPROVED
mohammad
12/16/2019 12:25:07 PM

Quant Time: Dec 13 17:51:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	112594	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	460885	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	248287	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	470848	20.00	ng		0.00
76) Chrysene-d12	14.06	240	340735	20.00	ng		0.00
87) Perylene-d12	15.56	264	278934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	712954	110.90	ng		0.02
7) Phenol-d6	6.50	99	869020	111.76	ng		0.00
23) Nitrobenzene-d5	7.43	82	585853	71.51	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	325440	107.90	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1228893	75.31	ng		0.00
79) Terphenyl-d14	13.00	244	1484772	74.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	108022	39.851	ng		98
3) Pyridine	3.49	79	260388	37.234	ng		99
4) n-Nitrosodimethylamine	3.43	42	125433	41.693	ng		96
6) Aniline	6.53	93	324051	32.580	ng		99
8) 2-Chlorophenol	6.66	128	317708	43.829	ng		99
9) Benzaldehyde	6.42	77	215063	62.544	ng		93
10) Phenol	6.52	94	376142	42.418	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	268856	41.921	ng		97
12) 1,3-Dichlorobenzene	6.81	146	349909	41.322	ng		97
13) 1,4-Dichlorobenzene	6.89	146	359651	42.179	ng		99
14) 1,2-Dichlorobenzene	7.04	146	336560	42.031	ng		98
15) Benzyl Alcohol	7.01	79	268576	44.249	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	311933	40.452	ng		94
17) 2-Methylphenol	7.13	107	254465	44.137	ng		97
18) Hexachloroethane	7.38	117	129258	41.140	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	205746	43.546	ng		98
20) 3+4-Methylphenols	7.28	107	319688	44.145	ng		97
22) Acetophenone	7.28	105	430382	38.869	ng	#	97
24) Nitrobenzene	7.45	77	315730	39.226	ng		99
25) Isophorone	7.69	82	571518	41.152	ng		98
26) 2-Nitrophenol	7.77	139	179560	41.738	ng		93
27) 2,4-Dimethylphenol	7.81	122	274030	47.753	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	348708	38.426	ng		100
29) 2,4-Dichlorophenol	8.02	162	269542	40.292	ng		100
30) 1,2,4-Trichlorobenzene	8.10	180	300984	38.499	ng		99
31) Naphthalene	8.18	128	945023	40.828	ng		100
32) Benzoic acid	7.94	122	204271	39.425	ng		97
33) 4-Chloroaniline	8.23	127	187974	18.808	ng		96
34) Hexachlorobutadiene	8.29	225	173682	37.048	ng		97
35) Caprolactam	8.60	113	87383m	42.357	ng		
36) 4-Chloro-3-methylphenol	8.72	107	290509	41.265	ng		98
37) 2-Methylnaphthalene	8.87	142	655725	41.845	ng		99
38) 1-Methylnaphthalene	8.97	142	607483	41.287	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	283626	37.709	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	317755	94.289	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	197325	39.292	ng		97
44) 2,4,5-Trichlorophenol	9.20	196	215545	41.427	ng		94
46) 1,1'-Biphenyl	9.33	154	780200	39.842	ng		99
47) 2-Chloronaphthalene	9.36	162	605613	38.447	ng		98
48) 2-Nitroaniline	9.46	65	172024	38.295	ng		96
49) Acenaphthylene	9.78	152	978933	42.135	ng		99
50) Dimethylphthalate	9.64	163	722932	39.419	ng		99
51) 2,6-Dinitrotoluene	9.70	165	161775	40.567	ng		93
52) Acenaphthene	9.95	154	560660	39.537	ng		98
53) 3-Nitroaniline	9.87	138	108904	23.205	ng		97
54) 2,4-Dinitrophenol	9.99	184	161689	81.497	ng		96
55) Dibenzofuran	10.13	168	858631	41.323	ng		97
56) 4-Nitrophenol	10.05	139	258115	79.251	ng		96
57) 2,4-Dinitrotoluene	10.11	165	220903	41.502	ng		97
58) Fluorene	10.47	166	677317	41.018	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	178360	41.551	ng		99
60) Diethylphthalate	10.34	149	732608	40.545	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	332009	39.960	ng		95
62) 4-Nitroaniline	10.49	138	167572	34.236	ng		98
63) Azobenzene	10.62	77	630997	40.907	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	113539	43.664	ng		95
66) n-Nitrosodiphenylamine	10.58	169	593686	40.376	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	208692	38.828	ng	#	93
68) Hexachlorobenzene	11.02	284	244786	38.694	ng		96
69) Atrazine	11.11	200	207627	59.917	ng		99
70) Pentachlorophenol	11.22	266	260123	87.434	ng		98
71) Phenanthrene	11.44	178	1010818	40.385	ng		100
72) Anthracene	11.49	178	1055310	42.265	ng		99
73) Carbazole	11.64	167	899133	40.135	ng		99
74) Di-n-butylphthalate	11.97	149	1166415	41.602	ng		99
75) Fluoranthene	12.63	202	1055345	41.240	ng		99
77) Benzidine	12.75	184	433270	48.303	ng		98
78) Pyrene	12.86	202	1060083	39.480	ng		99
80) Butylbenzylphthalate	13.47	149	479478	39.429	ng		99
81) Benzo(a)anthracene	14.06	228	913803	38.785	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	221938	28.682	ng		99
83) Chrysene	14.09	228	853095	37.906	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	657661	41.014	ng		98
85) Di-n-octyl phthalate	14.65	149	1027906	42.318	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	638293	33.707	ng		100
88) Benzo(b)fluoranthene	15.12	252	746212	40.450	ng		97
89) Benzo(k)fluoranthene	15.15	252	718495	40.542	ng		99
90) Benzo(a)pyrene	15.49	252	635494	39.004	ng		98
91) Dibenzo(a,h)anthracene	17.09	278	537817	38.485	ng		99
92) Benzo(g,h,i)perylene	17.53	276	520091	38.730	ng		99

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

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