Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114620.D
Acq On : 25 May 2019 22:27
Operator : JU/SJ
Sample : PB120034BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120034BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:28 AM

Quant Time: May 27 01:11:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	143815	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	546192	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	254022	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	483693	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	342146	20.00	ng		-0.02
87) Perylene-d12	15.43	264	327787	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1161219	129.94	ng		0.00
7) Phenol-d6	6.45	99	1456053	137.76	ng		-0.01
23) Nitrobenzene-d5	7.37	82	882158	90.64	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	337751	128.61	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1554310	92.56	ng		-0.02
79) Terphenyl-d14	12.90	244	1537886	92.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	217767	44.333	ng		99
3) Pyridine	3.37	79	423663	31.304	ng		98
4) n-Nitrosodimethylamine	3.32	42	227391	34.842	ng		97
6) Aniline	6.47	93	421622	27.614	ng	#	57
8) 2-Chlorophenol	6.59	128	422474	44.282	ng		95
9) Benzaldehyde	6.36	77	200258	27.063	ng		98
10) Phenol	6.46	94	508403	40.888	ng		87
11) bis(2-Chloroethyl)ether	6.53	93	399289	42.299	ng		100
12) 1,3-Dichlorobenzene	6.74	146	442467	41.317	ng		97
13) 1,4-Dichlorobenzene	6.82	146	447496	41.468	ng		99
14) 1,2-Dichlorobenzene	6.97	146	413635	41.955	ng		98
15) Benzyl Alcohol	6.95	79	327539	39.732	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	705265	38.533	ng		56
17) 2-Methylphenol	7.07	107	328616	41.931	ng	#	90
18) Hexachloroethane	7.31	117	161330	39.828	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	282236	42.127	ng		100
20) 3+4-Methylphenols	7.22	107	430060	47.495	ng	#	70
22) Acetophenone	7.21	105	560391	46.314	ng	#	87
24) Nitrobenzene	7.39	77	432947	43.676	ng		95
25) Isophorone	7.62	82	772453	42.795	ng		99
26) 2-Nitrophenol	7.70	139	224833	46.750	ng		98
27) 2,4-Dimethylphenol	7.75	122	360496	47.726	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	490289	41.864	ng		99
29) 2,4-Dichlorophenol	7.96	162	339610	45.153	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	366505	42.852	ng		99
31) Naphthalene	8.10	128	1185804	46.478	ng		98
32) Benzoic acid	7.90	122	184588m	36.281	ng		
33) 4-Chloroaniline	8.16	127	303004	26.062	ng		97
34) Hexachlorobutadiene	8.22	225	205530	42.235	ng		98
35) Caprolactam	8.53	113	108958m	44.427	ng		
36) 4-Chloro-3-methylphenol	8.66	107	351257	46.396	ng		98
37) 2-Methylnaphthalene	8.80	142	783961	47.625	ng		97
38) 1-Methylnaphthalene	8.90	142	734467	47.379	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	358724	46.619	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	151120	44.200	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	213484	40.335	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	218768	40.304	ng		95
46) 1,1'-Biphenyl	9.26	154	964556	47.002	ng		98
47) 2-Chloronaphthalene	9.29	162	716368	43.375	ng		99
48) 2-Nitroaniline	9.39	65	237308	40.516	ng		92
49) Acenaphthylene	9.70	152	1133920	45.142	ng		98
50) Dimethylphthalate	9.56	163	796013	42.687	ng		99
51) 2,6-Dinitrotoluene	9.63	165	178851	43.242	ng		97
52) Acenaphthene	9.87	154	663872	43.069	ng		98
53) 3-Nitroaniline	9.80	138	138664	27.008	ng		94
54) 2,4-Dinitrophenol	9.93	184	133785	65.649	ng		94
55) Dibenzofuran	10.05	168	960025	42.474	ng		99
56) 4-Nitrophenol	9.99	139	171404	47.207	ng		96
57) 2,4-Dinitrotoluene	10.04	165	221641	39.481	ng	#	75
58) Fluorene	10.39	166	785676	45.002	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	187955	40.132	ng		98
60) Diethylphthalate	10.26	149	788793	41.631	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	374562	43.682	ng		98
62) 4-Nitroaniline	10.42	138	185586	34.399	ng		97
63) Azobenzene	10.54	77	770266	42.000	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	97227	41.832	ng		99
66) n-Nitrosodiphenylamine	10.50	169	686021	46.731	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	227898	42.792	ng		99
68) Hexachlorobenzene	10.95	284	243539	41.336	ng		92
69) Atrazine	11.02	200	199541	43.678	ng		97
70) Pentachlorophenol	11.15	266	147805	52.922	ng		99
71) Phenanthrene	11.35	178	1083402	46.039	ng		98
72) Anthracene	11.40	178	1117337	47.272	ng		98
73) Carbazole	11.56	167	1042663	46.260	ng		100
74) Di-n-butylphthalate	11.88	149	1186457	45.691	ng		99
75) Fluoranthene	12.54	202	1161825	45.847	ng		98
77) Benzidine	12.66	184	566628	36.894	ng		98
78) Pyrene	12.77	202	1164931	42.324	ng		99
80) Butylbenzylphthalate	13.37	149	514036	44.370	ng		99
81) Benzo(a)anthracene	13.96	228	977828	44.186	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	281651	32.808	ng		98
83) Chrysene	14.00	228	966092	44.534	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	699131	46.142	ng		100
85) Di-n-octyl phthalate	14.54	149	1128527	45.946	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	895236	46.694	ng		100
88) Benzo(b)fluoranthene	15.00	252	995970	47.427	ng		100
89) Benzo(k)fluoranthene	15.03	252	849351	44.029	ng		99
90) Benzo(a)pyrene	15.37	252	875502	47.371	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	747832	48.695	ng		99
92) Benzo(g,h,i)perylene	17.33	276	777344	50.508	ng		99

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

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