Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112411.D
Acq On : 5 Feb 2019 22:16
Operator : JU/SJ
Sample : K1341-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-020419-AMSD

Manual Integrations APPROVED
mohammad
2/6/2019 9:16:26 AM

Quant Time: Feb 06 04:16:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	164551	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	598482	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	259824	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	410389	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	296200	20.00	ng		0.00
87) Perylene-d12	15.47	264	232323	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1118131	144.33	ng		0.01
7) Phenol-d6	6.49	99	1314030	122.07	ng		0.00
23) Nitrobenzene-d5	7.40	82	937747	90.28	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	361483	119.53	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1764033	96.02	ng		-0.01
79) Terphenyl-d14	12.94	244	1434243	91.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	155428	50.364	ng	#	84
3) Pyridine	3.52	79	348012	44.332	ng		98
4) n-Nitrosodimethylamine	3.45	42	207758	62.992	ng		92
6) Aniline	6.50	93	107646	8.406	ng	#	1
8) 2-Chlorophenol	6.63	128	477759	45.843	ng		99
9) Benzaldehyde	6.39	77	249431	44.331	ng		99
10) Phenol	6.50	94	469743	39.774	ng		80
11) bis(2-Chloroethyl)ether	6.57	93	429470	46.189	ng		99
12) 1,3-Dichlorobenzene	6.77	146	528118	43.513	ng		99
13) 1,4-Dichlorobenzene	6.85	146	546402	43.743	ng		97
14) 1,2-Dichlorobenzene	7.00	146	499483	42.709	ng		96
15) Benzyl Alcohol	6.99	79	387302	42.680	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	524178	43.907	ng	#	42
17) 2-Methylphenol	7.10	107	358036	43.338	ng	#	88
18) Hexachloroethane	7.35	117	173150	39.475	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	324016	43.651	ng		98
20) 3+4-Methylphenols	7.26	107	472516	44.727	ng	#	61
22) Acetophenone	7.25	105	656640	45.058	ng		94
24) Nitrobenzene	7.42	77	480978	46.367	ng		95
25) Isophorone	7.66	82	841382	51.636	ng		99
26) 2-Nitrophenol	7.73	139	238905	43.095	ng		91
27) 2,4-Dimethylphenol	7.78	122	400027	52.374	ng		94
28) bis(2-Chloroethoxy)methane	7.86	93	539493	48.624	ng		98
29) 2,4-Dichlorophenol	7.99	162	396495	46.388	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	444307	45.223	ng		100
31) Naphthalene	8.14	128	1356270	48.460	ng		99
32) Benzoic acid	7.92	122	128235	29.433	ng		98
33) 4-Chloroaniline	8.19	127	64299	5.276	ng		97
34) Hexachlorobutadiene	8.25	225	249399	43.258	ng		99
35) Caprolactam	8.57	113	96294m	31.936	ng		
36) 4-Chloro-3-methylphenol	8.69	107	383894	42.427	ng		95
37) 2-Methylnaphthalene	8.83	142	927544	48.411	ng		98
38) 1-Methylnaphthalene	8.93	142	855319	46.575	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	417163	48.900	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	43465	21.351	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	261197	49.671	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	264877	48.195	ng		99
46) 1,1'-Biphenyl	9.29	154	1099136	48.389	ng		98
47) 2-Chloronaphthalene	9.32	162	824741	46.821	ng		97
48) 2-Nitroaniline	9.42	65	233095	48.551	ng		100
49) Acenaphthylene	9.73	152	1250561	48.438	ng		99
50) Dimethylphthalate	9.59	163	995050	49.292	ng		99
51) 2,6-Dinitrotoluene	9.66	165	205407	45.433	ng	#	82
52) Acenaphthene	9.90	154	719732	46.667	ng		99
53) 3-Nitroaniline	9.83	138	84654	17.283	ng		92
54) 2,4-Dinitrophenol	9.96	184	18460	12.723	ng	#	86
55) Dibenzofuran	10.08	168	1057158	44.855	ng		97
56) 4-Nitrophenol	10.02	139	196192	75.763	ng		88
57) 2,4-Dinitrotoluene	10.07	165	241418	41.944	ng	#	81
58) Fluorene	10.42	166	825768	46.820	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	200718	48.328	ng		95
60) Diethylphthalate	10.29	149	957228	47.782	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	417418	43.508	ng		93
62) 4-Nitroaniline	10.44	138	185136	38.535	ng		97
63) Azobenzene	10.57	77	764145	43.371	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	21734	9.446	ng		94
66) n-Nitrosodiphenylamine	10.53	169	740446	53.534	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	245804	50.925	ng		98
68) Hexachlorobenzene	10.97	284	246134	47.530	ng		95
69) Atrazine	11.06	200	236934	53.089	ng		96
70) Pentachlorophenol	11.17	266	172691	85.703	ng		99
71) Phenanthrene	11.39	178	1063753	49.858	ng		98
72) Anthracene	11.43	178	1096727	51.604	ng		99
73) Carbazole	11.59	167	962088	45.892	ng		99
74) Di-n-butylphthalate	11.91	149	1316040	50.575	ng		99
75) Fluoranthene	12.57	202	1022273	44.673	ng		98
77) Benzidine	12.69	184	315847	38.743	ng	#	94
78) Pyrene	12.80	202	1016484	49.567	ng		99
80) Butylbenzylphthalate	13.41	149	483896	48.771	ng		98
81) Benzo(a)anthracene	13.99	228	869809	49.954	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	218984	33.605	ng		99
83) Chrysene	14.03	228	818918	49.271	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	685332	48.661	ng		99
85) Di-n-octyl phthalate	14.57	149	1090713	50.337	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	639569	48.562	ng		97
88) Benzo(b)fluoranthene	15.04	252	725386	52.208	ng		98
89) Benzo(k)fluoranthene	15.07	252	684432m	51.428	ng		
90) Benzo(a)pyrene	15.41	252	647792	51.816	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	541391	53.732	ng		99
92) Benzo(g,h,i)perylene	17.40	276	517584	54.449	ng		97

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

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