Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116958.D
Acq On : 11 Sep 2019 20:41
Operator : HP/JU
Sample : K4819-11MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Manual Integrations APPROVED
mohammad
9/16/2019 8:57:54 AM

Quant Time: Sep 12 07:28:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73059	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	299372	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	152659	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	260195	20.00	ng		0.00
76) Chrysene-d12	13.97	240	225789	20.00	ng		-0.01
87) Perylene-d12	15.42	264	237298	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	462470	102.55	ng		0.00
7) Phenol-d6	6.46	99	627407	105.95	ng		-0.02
23) Nitrobenzene-d5	7.39	82	386185	73.64	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	139094	136.29	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	618151	68.31	ng		-0.01
79) Terphenyl-d14	12.92	244	683460	56.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	62036	29.800	ng		97
3) Pyridine	3.31	79	155768	25.843	ng		93
4) n-Nitrosodimethylamine	3.23	42	63768	30.809	ng		92
6) Aniline	6.48	93	131423	16.024	ng	#	88
8) 2-Chlorophenol	6.61	128	192521	39.107	ng		100
9) Benzaldehyde	6.37	77	118964	30.494	ng		95
10) Phenol	6.47	94	241289	36.798	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	174556	34.188	ng		99
12) 1,3-Dichlorobenzene	6.76	146	195249	35.092	ng		99
13) 1,4-Dichlorobenzene	6.84	146	198925	35.911	ng		99
14) 1,2-Dichlorobenzene	6.99	146	184814	36.002	ng		94
15) Benzyl Alcohol	6.96	79	176563	36.732	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	171008	28.547	ng		91
17) 2-Methylphenol	7.08	107	159281	36.960	ng		96
18) Hexachloroethane	7.34	117	76623	35.603	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	138763	35.589	ng		91
20) 3+4-Methylphenols	7.23	107	203528	40.618	ng	#	70
22) Acetophenone	7.23	105	277237	38.466	ng		96
24) Nitrobenzene	7.40	77	210671	39.500	ng		94
25) Isophorone	7.64	82	388367	36.548	ng		99
26) 2-Nitrophenol	7.72	139	95917	48.372	ng		93
27) 2,4-Dimethylphenol	7.76	122	165879	41.422	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	227276	34.999	ng		99
29) 2,4-Dichlorophenol	7.96	162	159392	41.416	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	153472	36.766	ng		96
31) Naphthalene	8.13	128	540641	37.979	ng		99
32) Benzoic acid	7.86	122	61704	27.289	ng		95
33) 4-Chloroaniline	8.17	127	59714	9.215	ng		97
34) Hexachlorobutadiene	8.25	225	84393	37.079	ng		96
35) Caprolactam	8.53	113	55764m	38.717	ng		
36) 4-Chloro-3-methylphenol	8.66	107	190204	43.001	ng		99
37) 2-Methylnaphthalene	8.82	142	367308	38.780	ng		97
38) 1-Methylnaphthalene	8.92	142	338557	37.865	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	140681	38.442	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	147083	69.600	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	102271	40.768	ng		96
44) 2,4,5-Trichlorophenol	9.14	196	109424	42.016	ng	#	88
46) 1,1'-Biphenyl	9.28	154	425213	36.707	ng		98
47) 2-Chloronaphthalene	9.30	162	333756	36.377	ng		97
48) 2-Nitroaniline	9.40	65	114563	43.191	ng		94
49) Acenaphthylene	9.72	152	524940	37.850	ng		99
50) Dimethylphthalate	9.58	163	495300	46.995	ng	#	97
51) 2,6-Dinitrotoluene	9.64	165	88758	44.139	ng		95
52) Acenaphthene	9.90	154	347842	40.819	ng		99
53) 3-Nitroaniline	9.81	138	74101	29.405	ng	#	98
54) 2,4-Dinitrophenol	9.92	184	47835	68.506	ng		97
55) Dibenzofuran	10.07	168	467984	38.956	ng		98
56) 4-Nitrophenol	9.97	139	152499	88.256	ng		93
57) 2,4-Dinitrotoluene	10.05	165	116839	47.519	ng	#	91
58) Fluorene	10.41	166	372887	40.737	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	84517	44.966	ng	#	98
60) Diethylphthalate	10.28	149	411737	39.000	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	161779	40.361	ng		89
62) 4-Nitroaniline	10.42	138	101323	41.431	ng		95
63) Azobenzene	10.56	77	433330	39.363	ng		93
65) 4,6-Dinitro-2-methylphenol	10.46	198	38526	41.413	ng	#	45
66) n-Nitrosodiphenylamine	10.52	169	406962	45.213	ng		93
67) 4-Bromophenyl-phenylether	10.89	248	99352	37.587	ng		94
68) Hexachlorobenzene	10.96	284	100946	36.502	ng	#	90
69) Atrazine	11.04	200	101084	40.098	ng		98
70) Pentachlorophenol	11.16	266	107394	80.276	ng		98
71) Phenanthrene	11.37	178	567593	39.187	ng		97
72) Anthracene	11.42	178	584083	40.060	ng		100
73) Carbazole	11.57	167	554599	39.932	ng		98
74) Di-n-butylphthalate	11.90	149	727280	40.847	ng		99
75) Fluoranthene	12.56	202	621317	43.649	ng		99
77) Benzidine	12.67	184	282498	31.899	ng		98
78) Pyrene	12.78	202	647518	32.261	ng		99
80) Butylbenzylphthalate	13.39	149	340977	34.934	ng		95
81) Benzo(a)anthracene	13.96	228	550023	38.490	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	55091	11.408	ng		99
83) Chrysene	14.00	228	544957	37.016	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	478327	39.700	ng		99
85) Di-n-octyl phthalate	14.56	149	822834	41.732	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.86	276	506053	42.794	ng		98
88) Benzo(b)fluoranthene	15.00	252	541854	37.769	ng		99
89) Benzo(k)fluoranthene	15.03	252	464000	35.471	ng		100
90) Benzo(a)pyrene	15.36	252	480514	38.497	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	415052	37.990	ng		96
92) Benzo(g,h,i)perylene	17.29	276	409611	36.761	ng		96

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

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