Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116959.D
Acq On : 11 Sep 2019 21:08
Operator : HP/JU
Sample : K4819-11MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

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

Quant Time: Sep 12 07:29:57 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	63817	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	253946	20.00	ng		-0.02
39) Acenaphthene-d10	9.86	164	128772	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	217766	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	192303	20.00	ng		-0.01
87) Perylene-d12	15.42	264	202635	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	392314	99.59	ng		-0.01
7) Phenol-d6	6.46	99	539553	104.31	ng		-0.02
23) Nitrobenzene-d5	7.38	82	333350	74.94	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	112918	131.17	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	518831	67.97	ng		-0.01
79) Terphenyl-d14	12.92	244	569320	54.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	52804	29.038	ng		96
3) Pyridine	3.29	79	130542	24.794	ng		88
4) n-Nitrosodimethylamine	3.22	42	54910	30.371	ng		85
6) Aniline	6.48	93	118163	16.493	ng		98
8) 2-Chlorophenol	6.61	128	161020	37.445	ng		98
9) Benzaldehyde	6.37	77	101311	29.729	ng		99
10) Phenol	6.47	94	205617	35.899	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	154031	34.537	ng		98
12) 1,3-Dichlorobenzene	6.76	146	170838	35.151	ng		97
13) 1,4-Dichlorobenzene	6.84	146	174135	35.989	ng		99
14) 1,2-Dichlorobenzene	6.99	146	159342	35.535	ng		95
15) Benzyl Alcohol	6.96	79	150894	35.938	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	145110	27.732	ng		90
17) 2-Methylphenol	7.07	107	137123	36.427	ng		98
18) Hexachloroethane	7.34	117	65626	34.910	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	116998	34.353	ng		90
20) 3+4-Methylphenols	7.23	107	168191	38.427	ng	#	67
22) Acetophenone	7.23	105	237797	38.895	ng	#	96
24) Nitrobenzene	7.40	77	175576	38.808	ng		99
25) Isophorone	7.64	82	325377	36.097	ng		99
26) 2-Nitrophenol	7.72	139	82274	48.914	ng		91
27) 2,4-Dimethylphenol	7.76	122	138361	40.731	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	195535	35.498	ng		99
29) 2,4-Dichlorophenol	7.96	162	132985	40.736	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	131269	37.072	ng		95
31) Naphthalene	8.13	128	463315	38.369	ng		100
32) Benzoic acid	7.85	122	32049	16.709	ng		96
33) 4-Chloroaniline	8.17	127	57083	10.385	ng		96
34) Hexachlorobutadiene	8.25	225	73422	38.029	ng		96
35) Caprolactam	8.52	113	47311m	38.724	ng		
36) 4-Chloro-3-methylphenol	8.66	107	158671	42.289	ng		99
37) 2-Methylnaphthalene	8.82	142	310188	38.607	ng		98
38) 1-Methylnaphthalene	8.92	142	283062	37.321	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	118362	38.343	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	118203	66.310	ng		96
43) 2,4,6-Trichlorophenol	9.10	196	82285	38.886	ng		95
44) 2,4,5-Trichlorophenol	9.14	196	89634	40.801	ng	#	89
46) 1,1'-Biphenyl	9.28	154	360040	36.846	ng		99
47) 2-Chloronaphthalene	9.30	162	281180	36.331	ng		97
48) 2-Nitroaniline	9.40	65	94688	42.320	ng		98
49) Acenaphthylene	9.72	152	445583	38.087	ng		98
50) Dimethylphthalate	9.58	163	414185	46.588	ng	#	98
51) 2,6-Dinitrotoluene	9.64	165	74081	43.674	ng		95
52) Acenaphthene	9.89	154	285234	39.681	ng		98
53) 3-Nitroaniline	9.80	138	65251	30.696	ng	#	89
54) 2,4-Dinitrophenol	9.92	184	33428	58.305	ng	#	89
55) Dibenzofuran	10.06	168	390297	38.516	ng		92
56) 4-Nitrophenol	9.97	139	122393	83.972	ng		86
57) 2,4-Dinitrotoluene	10.05	165	100432	48.423	ng	#	97
58) Fluorene	10.41	166	315300	40.836	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	65915	41.574	ng	#	97
60) Diethylphthalate	10.27	149	333409	37.439	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	133607	39.516	ng		89
62) 4-Nitroaniline	10.42	138	84564	40.992	ng		91
63) Azobenzene	10.56	77	353787	38.099	ng		93
65) 4,6-Dinitro-2-methylphenol	10.46	198	30303	39.369	ng	#	57
66) n-Nitrosodiphenylamine	10.52	169	338660	44.955	ng		94
67) 4-Bromophenyl-phenylether	10.89	248	82261	37.185	ng		96
68) Hexachlorobenzene	10.96	284	85396	36.895	ng		96
69) Atrazine	11.04	200	82919	39.301	ng		97
70) Pentachlorophenol	11.15	266	79852	71.318	ng		99
71) Phenanthrene	11.37	178	480717	39.656	ng		99
72) Anthracene	11.42	178	480825	39.403	ng		99
73) Carbazole	11.57	167	461856	39.734	ng		98
74) Di-n-butylphthalate	11.90	149	582629	39.099	ng		99
75) Fluoranthene	12.55	202	527833	44.307	ng		100
77) Benzidine	12.66	184	243876	32.333	ng		99
78) Pyrene	12.78	202	538365	31.494	ng		98
80) Butylbenzylphthalate	13.39	149	270586	32.550	ng		95
81) Benzo(a)anthracene	13.96	228	457005	37.549	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	52496	12.763	ng		96
83) Chrysene	14.00	228	455067	36.292	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	386672	37.681	ng		99
85) Di-n-octyl phthalate	14.56	149	658923	39.238	ng	#	94
86) Indeno(1,2,3-cd)pyrene	16.85	276	433307	43.023	ng		98
88) Benzo(b)fluoranthene	15.00	252	419910	34.276	ng		99
89) Benzo(k)fluoranthene	15.03	252	421148	37.703	ng		100
90) Benzo(a)pyrene	15.36	252	405899	38.082	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	359132	38.494	ng		99
92) Benzo(g,h,i)perylene	17.29	276	356525	37.470	ng		97

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

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