Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113767.D
Acq On : 15 Apr 2019 17:10
Operator : JU/SJ
Sample : K2199-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-041219-AMSD

Manual Integrations APPROVED
Sohil
4/16/2019 5:02:56 PM

Quant Time: Apr 16 00:01:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	112835	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	420727	20.00	ng		-0.02
39) Acenaphthene-d10	9.70	164	204959	20.00	ng		-0.02
64) Phenanthrene-d10	11.19	188	411959	20.00	ng		-0.02
76) Chrysene-d12	13.83	240	256401	20.00	ng		-0.02
87) Perylene-d12	15.23	264	283666	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	763036	115.31	ng		0.00
7) Phenol-d6	6.33	99	887143	108.78	ng		0.00
23) Nitrobenzene-d5	7.24	82	626264	87.19	ng		-0.02
42) 2,4,6-Tribromophenol	10.50	330	321003	130.38	ng		-0.02
45) 2-Fluorobiphenyl	9.03	172	1171608	92.03	ng		-0.02
79) Terphenyl-d14	12.77	244	1295605	102.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	117321	37.435	ng	#	84
3) Pyridine	3.16	79	225470	27.491	ng		98
4) n-Nitrosodimethylamine	3.05	42	139393	40.001	ng		97
6) Aniline	6.35	93	107240	10.848	ng	#	34
8) 2-Chlorophenol	6.47	128	325801	42.556	ng		98
9) Benzaldehyde	6.23	77	107290	22.125	ng		97
10) Phenol	6.35	94	319272	34.277	ng		81
11) bis(2-Chloroethyl)ether	6.41	93	327231	45.163	ng		99
12) 1,3-Dichlorobenzene	6.61	146	344302	41.761	ng		99
13) 1,4-Dichlorobenzene	6.69	146	357331	42.889	ng		99
14) 1,2-Dichlorobenzene	6.85	146	330598	43.961	ng		97
15) Benzyl Alcohol	6.83	79	213533	38.723	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.95	45	485349	43.035	ng		68
17) 2-Methylphenol	6.96	107	274438	46.256	ng	#	86
18) Hexachloroethane	7.17	117	124880	41.180	ng		97
19) n-Nitroso-di-n-propylamine	7.10	70	230480	45.830	ng		99
20) 3+4-Methylphenols	7.12	107	337786	46.988	ng	#	91
22) Acetophenone	7.09	105	452468	48.965	ng		98
24) Nitrobenzene	7.26	77	344367	46.555	ng		100
25) Isophorone	7.50	82	624183	45.111	ng		100
26) 2-Nitrophenol	7.58	139	181829	45.674	ng		93
27) 2,4-Dimethylphenol	7.63	122	292379	51.372	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	397261	45.413	ng		100
29) 2,4-Dichlorophenol	7.84	162	290529	47.710	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	301877	45.650	ng		98
31) Naphthalene	7.97	128	964418	47.310	ng		99
32) Benzoic acid	7.79	122	107539	24.401	ng		99
33) 4-Chloroaniline	8.06	127	48869	6.046	ng		97
34) Hexachlorobutadiene	8.09	225	180648	44.807	ng		99
35) Caprolactam	8.42	113	64959m	33.605	ng		
36) 4-Chloro-3-methylphenol	8.54	107	284958	46.616	ng		98
37) 2-Methylnaphthalene	8.67	142	648431	48.364	ng		99
38) 1-Methylnaphthalene	8.76	142	614927	47.565	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	313682	47.323	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	134104	61.541	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	196957	47.073	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	202520	45.085	ng	99
46) 1,1'-Biphenyl	9.13	154	809489	47.862	ng	99
47) 2-Chloronaphthalene	9.16	162	608230	47.498	ng	98
48) 2-Nitroaniline	9.26	65	183947	46.945	ng	97
49) Acenaphthylene	9.57	152	964196	46.304	ng	99
50) Dimethylphthalate	9.43	163	699126	46.275	ng	99
51) 2,6-Dinitrotoluene	9.50	165	157440	47.275	ng	98
52) Acenaphthene	9.74	154	572840	48.058	ng	99
53) 3-Nitroaniline	9.68	138	54290	14.338	ng	91
54) 2,4-Dinitrophenol	9.81	184	77608	49.811	ng	92
55) Dibenzofuran	9.91	168	857818	49.060	ng	98
56) 4-Nitrophenol	9.88	139	94881	40.396	ng	90
57) 2,4-Dinitrotoluene	9.92	165	202437	50.261	ng	88
58) Fluorene	10.26	166	678017	49.028	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	201286	51.768	ng	93
60) Diethylphthalate	10.13	149	694713	47.693	ng	98
61) 4-Chlorophenyl-phenylether	10.24	204	337072	49.554	ng	93
62) 4-Nitroaniline	10.29	138	158549	41.179	ng	98
63) Azobenzene	10.40	77	643097	46.628	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	66723	30.765	ng	90
66) n-Nitrosodiphenylamine	10.37	169	605792	47.900	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	217267	47.025	ng	92
68) Hexachlorobenzene	10.81	284	249441	47.117	ng	98
69) Atrazine	10.90	200	187182	46.957	ng	96
70) Pentachlorophenol	11.02	266	165697	66.422	ng	95
71) Phenanthrene	11.22	178	984054	48.072	ng	99
72) Anthracene	11.27	178	1050836	50.455	ng	99
73) Carbazole	11.43	167	964975	49.538	ng	99
74) Di-n-butylphthalate	11.75	149	1109532	47.882	ng	99
75) Fluoranthene	12.40	202	1059802	48.314	ng	100
77) Benzidine	12.53	184	157860	16.556	ng	99
78) Pyrene	12.63	202	1049004	53.770	ng	99
80) Butylbenzylphthalate	13.24	149	440430	55.460	ng	99
81) Benzo(a)anthracene	13.82	228	752800	50.897	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	98822	17.347	ng	99
83) Chrysene	13.85	228	783965	52.287	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	578562	60.257	ng	100
85) Di-n-octyl phthalate	14.41	149	883620	56.616	ng	100
86) Indeno(1,2,3-cd)pyrene	16.61	276	995536	71.915	ng	99
88) Benzo(b)fluoranthene	14.84	252	738118	42.509	ng	99
89) Benzo(k)fluoranthene	14.86	252	733904	47.094	ng	98
90) Benzo(a)pyrene	15.18	252	757647	49.104	ng	100
91) Dibenzo(a,h)anthracene	16.61	278	835338	57.893	ng	100
92) Benzo(g,h,i)perylene	17.01	276	887634	60.271	ng	99

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

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