Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112246.D
Acq On : 25 Jan 2019 21:50
Operator : JU/SJ
Sample : K1238-31MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4MS

Manual Integrations APPROVED
mohammad
1/29/2019 12:31:39 AM

Quant Time: Jan 28 03:28:02 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 02:58:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	175997	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	688755	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	329750	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	592378	20.00	ng		0.00
76) Chrysene-d12	14.00	240	340384	20.00	ng		0.00
87) Perylene-d12	15.46	264	351187	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1186453	143.19	ng		0.01
7) Phenol-d6	6.49	99	1487688	129.21	ng		0.00
23) Nitrobenzene-d5	7.41	82	939500	78.60	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	452129	117.80	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1679973	72.06	ng		0.00
79) Terphenyl-d14	12.95	244	1465881	81.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	161996	49.079	ng		97
3) Pyridine	3.41	79	451738	53.802	ng		98
4) n-Nitrosodimethylamine	3.36	42	224081	63.523	ng		97
6) Aniline	6.51	93	408442	29.821	ng	#	26
8) 2-Chlorophenol	6.64	128	492494	44.183	ng		97
9) Benzaldehyde	6.39	77	92356	15.347	ng		95
10) Phenol	6.51	94	644407	51.015	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	425096	42.746	ng		96
12) 1,3-Dichlorobenzene	6.79	146	521045	40.138	ng		99
13) 1,4-Dichlorobenzene	6.86	146	531094	39.753	ng		100
14) 1,2-Dichlorobenzene	7.02	146	501720	40.110	ng		98
15) Benzyl Alcohol	6.99	79	408460	42.085	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	518728	40.625	ng		69
17) 2-Methylphenol	7.10	107	384919	43.562	ng		94
18) Hexachloroethane	7.35	117	188789	40.241	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	326666	41.146	ng		96
20) 3+4-Methylphenols	7.26	107	491372	43.487	ng	#	88
22) Acetophenone	7.25	105	644710	38.441	ng		97
24) Nitrobenzene	7.43	77	486396	40.743	ng		95
25) Isophorone	7.66	82	871015	46.448	ng		99
26) 2-Nitrophenol	7.74	139	265298	41.584	ng		92
27) 2,4-Dimethylphenol	7.79	122	425303	48.385	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	549744	43.054	ng		99
29) 2,4-Dichlorophenol	7.99	162	422782	42.981	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	452210	39.994	ng		99
31) Naphthalene	8.15	128	1395211	43.317	ng		99
32) Benzoic acid	7.88	122	26916	5.368	ng		91
33) 4-Chloroaniline	8.19	127	264686	18.873	ng		97
34) Hexachlorobutadiene	8.26	225	252359	38.034	ng		99
35) Caprolactam	8.56	113	130344m	37.562	ng		
36) 4-Chloro-3-methylphenol	8.69	107	427735	41.076	ng		98
37) 2-Methylnaphthalene	8.84	142	977947	44.352	ng		97
38) 1-Methylnaphthalene	8.94	142	921320	43.594	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	439804	40.622	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	224367	57.688 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	286138	42.875 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	301437	43.217 ng	95
46) 1,1'-Biphenyl	9.30	154	1174440	40.740 ng	98
47) 2-Chloronaphthalene	9.33	162	905403	40.501 ng	96
48) 2-Nitroaniline	9.43	65	253575	41.617 ng	99
49) Acenaphthylene	9.75	152	1430240	43.650 ng	99
50) Dimethylphthalate	9.60	163	1241007	48.439 ng	99
51) 2,6-Dinitrotoluene	9.67	165	244027	42.529 ng	99
52) Acenaphthene	9.92	154	826159	42.208 ng	99
53) 3-Nitroaniline	9.83	138	176987	28.472 ng	88
54) 2,4-Dinitrophenol	9.95	184	54519	29.607 ng	96
55) Dibenzofuran	10.09	168	1239610	41.443 ng	94
56) 4-Nitrophenol	10.02	139	273122	83.105 ng	90
57) 2,4-Dinitrotoluene	10.07	165	316432	43.319 ng	92
58) Fluorene	10.43	166	975987	43.603 ng	97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	235094	44.601 ng	95
60) Diethylphthalate	10.30	149	1054578	41.478 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	481276	39.527 ng	91
62) 4-Nitroaniline	10.45	138	223969	36.733 ng	95
63) Azobenzene	10.58	77	905821	40.510 ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	95051	28.619 ng	93
66) n-Nitrosodiphenylamine	10.54	169	869478	43.551 ng	100
67) 4-Bromophenyl-phenylether	10.91	248	291583	41.851 ng	94
68) Hexachlorobenzene	10.99	284	309717	41.434 ng	96
69) Atrazine	11.06	200	282954	43.923 ng	97
70) Pentachlorophenol	11.18	266	227810	78.324 ng	99
71) Phenanthrene	11.39	178	1334631	43.337 ng	99
72) Anthracene	11.45	178	1371359	44.702 ng	99
73) Carbazole	11.60	167	1151873	38.065 ng	99
74) Di-n-butylphthalate	11.92	149	1524942	40.599 ng	99
75) Fluoranthene	12.58	202	1221417	36.977 ng	98
77) Benzidine	12.69	184	426903	45.568 ng	96
78) Pyrene	12.81	202	1165664	49.463 ng	99
80) Butylbenzylphthalate	13.42	149	522446	45.821 ng	99
81) Benzo(a)anthracene	13.99	228	867823	43.370 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	221067	29.521 ng	100
83) Chrysene	14.03	228	819313	42.896 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	697803	43.115 ng	98
85) Di-n-octyl phthalate	14.58	149	1028098	41.288 ng	97
86) Indeno(1,2,3-cd)pyrene	16.95	276	966652	63.870 ng	97
88) Benzo(b)fluoranthene	15.04	252	874630	41.644 ng	99
89) Benzo(k)fluoranthene	15.07	252	796634	39.599 ng	99
90) Benzo(a)pyrene	15.41	252	829157	43.875 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	812352	53.336 ng	99
92) Benzo(g,h,i)perylene	17.39	276	787911	54.832 ng	98

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

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