Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
Data File : BF112201.D
Acq On : 23 Jan 2019 14:57
Operator : JU/SJ
Sample : K1220-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1MSD

Quant Time: Jan 23 15:37:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	174034	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	679584	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	342570	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	705376	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	623533	20.00	ng		0.00
87) Perylene-d12	15.49	264	549834	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	873669	91.12	ng		0.00
7) Phenol-d6	6.50	99	1091386	90.97	ng		0.00
23) Nitrobenzene-d5	7.41	82	676946	68.82	ng		-0.02
42) 2,4,6-Tribromophenol	10.68	330	378765	102.49	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	1470562	62.94	ng		0.00
79) Terphenyl-d14	12.96	244	1830512	62.45	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	91727	20.397	ng		96
3) Pyridine	3.39	79	173712	15.423	ng		98
4) n-Nitrosodimethylamine	3.30	42	118900	26.000	ng		98
6) Aniline	6.51	93	319927	21.926	ng	#	51
8) 2-Chlorophenol	6.65	128	314618	28.252	ng		97
9) Benzaldehyde	6.40	77	65573	7.130	ng		99
10) Phenol	6.51	94	371222	28.314	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	284499	27.291	ng		99
12) 1,3-Dichlorobenzene	6.79	146	330623	26.015	ng		100
13) 1,4-Dichlorobenzene	6.87	146	341144	26.243	ng		98
14) 1,2-Dichlorobenzene	7.02	146	324435	27.094	ng		95
15) Benzyl Alcohol	6.99	79	259803	29.068	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	347208	23.096	ng		98
17) 2-Methylphenol	7.11	107	242404	28.985	ng		97
18) Hexachloroethane	7.36	117	119118	27.454	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	205562	28.127	ng		97
20) 3+4-Methylphenols	7.26	107	315334	31.098	ng	#	86
22) Acetophenone	7.26	105	417940	26.546	ng	#	95
24) Nitrobenzene	7.43	77	306303	29.382	ng		98
25) Isophorone	7.67	82	555188	29.222	ng		98
26) 2-Nitrophenol	7.75	139	167148	33.203	ng		98
27) 2,4-Dimethylphenol	7.79	122	269648	30.576	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	349324	26.804	ng		98
29) 2,4-Dichlorophenol	8.00	162	270539	28.082	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	296274	26.499	ng		100
31) Naphthalene	8.16	128	907626	29.364	ng		98
32) Benzoic acid	7.88	122	28208	14.478	ng		94
33) 4-Chloroaniline	8.20	127	306940	22.096	ng		99
34) Hexachlorobutadiene	8.27	225	161369	25.936	ng		99
35) Caprolactam	8.56	113	84939	25.191	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	277562	29.498	ng		99
37) 2-Methylnaphthalene	8.85	142	649566	30.948	ng		99
38) 1-Methylnaphthalene	8.95	142	607282	30.106	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	298832	27.166	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	194847	47.835 ng	99
43) 2,4,6-Trichlorophenol	9.13	196	187285	28.460 ng	98
44) 2,4,5-Trichlorophenol	9.17	196	206208	29.421 ng	96
46) 1,1'-Biphenyl	9.31	154	807331	28.184 ng	99
47) 2-Chloronaphthalene	9.33	162	612578	27.320 ng	96
48) 2-Nitroaniline	9.43	65	168022	33.269 ng	88
49) Acenaphthylene	9.75	152	995025	30.410 ng	98
50) Dimethylphthalate	9.60	163	836102	33.467 ng	99
51) 2,6-Dinitrotoluene	9.67	165	165868	33.245 ng	90
52) Acenaphthene	9.92	154	569431	28.444 ng	98
53) 3-Nitroaniline	9.84	138	155252	27.827 ng	92
54) 2,4-Dinitrophenol	9.96	184	84243	61.041 ng	95
55) Dibenzofuran	10.09	168	885960	29.264 ng	96
56) 4-Nitrophenol	10.02	139	215216	55.811 ng	94
57) 2,4-Dinitrotoluene	10.08	165	226339	36.549 ng	98
58) Fluorene	10.44	166	706245	31.222 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	159933	30.239 ng	94
60) Diethylphthalate	10.30	149	759852	31.158 ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	347495	28.469 ng	97
62) 4-Nitroaniline	10.45	138	182695	32.977 ng	98
63) Azobenzene	10.59	77	647242	27.715 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	85182	32.950 ng	98
66) n-Nitrosodiphenylamine	10.55	169	631273	27.071 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	214826	26.220 ng	99
68) Hexachlorobenzene	10.99	284	233981	26.511 ng	98
69) Atrazine	11.07	200	216773	28.808 ng	96
70) Pentachlorophenol	11.19	266	175183	44.237 ng	100
71) Phenanthrene	11.40	178	1060824	29.884 ng	98
72) Anthracene	11.45	178	1099731	30.582 ng	99
73) Carbazole	11.60	167	983885	27.313 ng	99
74) Di-n-butylphthalate	11.93	149	1276712	31.507 ng	98
75) Fluoranthene	12.59	202	1165615	31.099 ng	98
77) Benzidine	12.70	184	203457	9.780 ng	96
78) Pyrene	12.82	202	1183068	28.758 ng	98
80) Butylbenzylphthalate	13.43	149	572328	31.712 ng	95
81) Benzo(a)anthracene	14.01	228	1057591	29.582 ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	326266	24.368 ng	99
83) Chrysene	14.04	228	999832	29.555 ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	827450	31.991 ng	97
85) Di-n-octyl phthalate	14.60	149	1334715	33.492 ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	925823	29.664 ng	98
88) Benzo(b)fluoranthene	15.06	252	944440	30.260 ng	99
89) Benzo(k)fluoranthene	15.09	252	909192	30.098 ng	98
90) Benzo(a)pyrene	15.43	252	883632	30.872 ng	99
91) Dibenzo(a,h)anthracene	16.99	278	782965	30.799 ng	99
92) Benzo(g,h,i)perylene	17.42	276	758964	30.304 ng	99

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

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