Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113927.D
Acq On : 23 Apr 2019 18:19
Operator : JU/SJ
Sample : K2522-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-WOODBURYMS

Quant Time: Apr 25 08:08:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128591	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	446315	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	198663	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	345096	20.00	ng	0.00
76) Chrysene-d12	14.06	240	361349	20.00	ng	-0.01
87) Perylene-d12	15.56	264	327529	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	906618	120.59	ng	0.01
7) Phenol-d6	6.53	99	1129741	119.77	ng	0.00
23) Nitrobenzene-d5	7.46	82	676759	93.62	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	282062	116.55	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1147912	90.37	ng	0.00
79) Terphenyl-d14	13.00	244	1197783	67.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.73	88	2757	0.778	ng	# 86
3) Pyridine	3.60	79	3485	0.360	ng	# 71
4) n-Nitrosodimethylamine	3.43	42	1269	0.383	ng	# 51
6) Aniline	6.56	93	2404	0.186	ng	# 85
8) 2-Chlorophenol	6.69	128	3941	0.459	ng	96
10) Phenol	6.54	94	5759	0.511	ng	# 80
11) bis(2-Chloroethyl)ether	6.63	93	3486	0.411	ng	95
12) 1,3-Dichlorobenzene	6.84	146	4224	0.434	ng	98
13) 1,4-Dichlorobenzene	6.92	146	4419	0.452	ng	97
14) 1,2-Dichlorobenzene	7.07	146	4060	0.452	ng	94
15) Benzyl Alcohol	7.06	79	12499	1.967	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.17	45	4300	0.434	ng	85
17) 2-Methylphenol	7.14	107	3358	0.446	ng	# 90
18) Hexachloroethane	7.42	117	812	0.237	ng	93
20) 3+4-Methylphenols	7.30	107	3789	0.446	ng	# 42
22) Acetophenone	7.30	105	5288	0.532	ng	# 93
24) Nitrobenzene	7.47	77	5575	0.698	ng	# 96
26) 2-Nitrophenol	7.79	139	992	0.272	ng	# 86
27) 2,4-Dimethylphenol	7.83	122	3007	0.507	ng	# 93
28) bis(2-Chloroethoxy)methane	7.92	93	4204	0.446	ng	94
29) 2,4-Dichlorophenol	8.03	162	2380	0.351	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	3367	0.445	ng	96
31) Naphthalene	8.20	128	13985	0.660	ng	99
32) Benzoic acid	7.88	122	575	0.143	ng	# 77
33) 4-Chloroaniline	8.25	127	1898	0.212	ng	97
34) Hexachlorobutadiene	8.32	225	2103	0.446	ng	95
35) Caprolactam	8.56	113	455	0.211	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	2462	0.366	ng	# 91
37) 2-Methylnaphthalene	8.89	142	7761	0.543	ng	95
38) 1-Methylnaphthalene	8.99	142	6849	0.496	ng	92
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	3330	0.516	ng	# 96
43) 2,4,6-Trichlorophenol	9.17	196	1582	0.386	ng	87
44) 2,4,5-Trichlorophenol	9.22	196	1671	0.364	ng	# 87
46) 1,1'-Biphenyl	9.35	154	10595	0.698	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.38	162	6037	0.489	ng		95
48) 2-Nitroaniline	9.47	65	1516	0.469	ng		92
49) Acenaphthylene	9.79	152	9969	0.516	ng		96
50) Dimethylphthalate	9.64	163	82433	5.737	ng		100
52) Acenaphthene	9.96	154	8586	0.752	ng		90
53) 3-Nitroaniline	9.87	138	1014	0.313	ng	#	89
55) Dibenzofuran	10.14	168	10498	0.614	ng		96
56) 4-Nitrophenol	10.05	139	1195	0.466	ng		80
58) Fluorene	10.48	166	9968	0.774	ng	#	96
59) 2,3,4,6-Tetrachlorophenol	10.26	232	1205	0.298	ng	#	75
60) Diethylphthalate	10.35	149	6868	0.503	ng		95
61) 4-Chlorophenyl-phenylether	10.47	204	3378	0.495	ng		96
62) 4-Nitroaniline	10.47	138	1258	0.398	ng		88
63) Azobenzene	10.63	77	5725	0.433	ng		88
66) n-Nitrosodiphenylamine	10.59	169	5692	0.550	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	1884	0.452	ng		89
68) Hexachlorobenzene	11.03	284	1832	0.400	ng	#	89
69) Atrazine	11.10	200	1666	0.495	ng		99
70) Pentachlorophenol	11.23	266	1097	0.423	ng	#	86
71) Phenanthrene	11.44	178	36375	2.097	ng		98
72) Anthracene	11.49	178	16815	0.960	ng		96
73) Carbazole	11.64	167	9801	0.627	ng		97
74) Di-n-butylphthalate	11.97	149	11340	0.617	ng		98
75) Fluoranthene	12.63	202	62150	3.285	ng		97
77) Benzidine	13.00	184	13362	1.241	ng		97
78) Pyrene	12.86	202	57440	2.273	ng		99
80) Butylbenzylphthalate	13.47	149	5929	0.596	ng		93
81) Benzo(a)anthracene	14.05	228	41062	1.929	ng		97
82) 3,3'-Dichlorobenzidine	14.00	252	3119	0.400	ng	#	82
83) Chrysene	14.09	228	39850	1.922	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	8892	0.703	ng		97
85) Di-n-octyl phthalate	14.66	149	12645	0.639	ng	#	1
86) Indeno(1,2,3-cd)pyrene	17.04	276	21576	1.099	ng		95
88) Benzo(b)fluoranthene	15.12	252	42549	2.053	ng	#	91
90) Benzo(a)pyrene	15.49	252	32483	1.812	ng	#	92
91) Dibenzo(a,h)anthracene	17.06	278	11782	0.700	ng	#	82
92) Benzo(g,h,i)perylene	17.49	276	18481	1.088	ng		95

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

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