Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114891.D
Acq On : 7 Jun 2019 11:18
Operator : HP/JU
Sample : K3211-03MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200050MS

Quant Time: Jun 10 07:28:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	306526	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1162479	20.00	ng		0.00
39) Acenaphthene-d10	9.69	164	572469	20.00	ng		0.00
64) Phenanthrene-d10	11.16	188	1127290	20.00	ng		0.00
76) Chrysene-d12	13.79	240	610762	20.00	ng		0.00
87) Perylene-d12	15.16	264	759053	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	2344973	133.68	ng		0.01
7) Phenol-d6	6.31	99	2948075	138.11	ng		0.00
23) Nitrobenzene-d5	7.23	82	1824244	96.60	ng		0.00
42) 2,4,6-Tribromophenol	10.48	330	841825	136.45	ng		0.00
45) 2-Fluorobiphenyl	9.02	172	3162553	103.49	ng		0.00
79) Terphenyl-d14	12.74	244	3291107	104.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	316875	37.834	ng		98
4) n-Nitrosodimethylamine	2.94	42	372013	44.160	ng		98
6) Aniline	6.33	93	301638	9.959	ng	#	1
8) 2-Chlorophenol	6.45	128	931843	45.975	ng		98
9) Benzaldehyde	6.20	77	309396	20.896	ng		99
10) Phenol	6.32	94	1082263	44.337	ng		81
11) bis(2-Chloroethyl)ether	6.40	93	835063	43.834	ng		98
12) 1,3-Dichlorobenzene	6.60	146	997278	42.225	ng		99
13) 1,4-Dichlorobenzene	6.68	146	1009584	42.482	ng		99
14) 1,2-Dichlorobenzene	6.83	146	934053	43.520	ng		99
15) Benzyl Alcohol	6.81	79	734715	45.516	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1153871	42.351	ng		99
17) 2-Methylphenol	6.93	107	771515	44.532	ng		99
18) Hexachloroethane	7.17	117	363010	40.583	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	576065	40.769	ng		98
20) 3+4-Methylphenols	7.08	107	870598	45.560	ng		98
22) Acetophenone	7.07	105	1213893	47.429	ng	#	98
24) Nitrobenzene	7.25	77	927359	47.403	ng		98
25) Isophorone	7.49	82	1700093	45.539	ng		98
26) 2-Nitrophenol	7.56	139	535662	50.554	ng		99
27) 2,4-Dimethylphenol	7.61	122	830080	51.543	ng		99
28) bis(2-Chloroethoxy)methane	7.70	93	1076391	45.104	ng		99
29) 2,4-Dichlorophenol	7.80	162	807973	47.686	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	879162	45.222	ng		98
31) Naphthalene	7.96	128	2545518	48.639	ng		99
32) Benzoic acid	7.69	122	105652	9.007	ng		96
33) 4-Chloroaniline	8.01	127	293431	11.753	ng		98
34) Hexachlorobutadiene	8.09	225	462722	41.864	ng		99
35) Caprolactam	8.39	113	193090m	34.886	ng		
36) 4-Chloro-3-methylphenol	8.50	107	824175	48.884	ng		98
37) 2-Methylnaphthalene	8.66	142	1755464	48.359	ng		99
38) 1-Methylnaphthalene	8.75	142	1689518	49.078	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	744471	45.126	ng		99
41) Hexachlorocyclopentadiene	8.82	237	833350	83.287	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.93	196	591876	46.138	ng	98
44) 2,4,5-Trichlorophenol	8.97	196	626268	48.475	ng	98
46) 1,1'-Biphenyl	9.12	154	2062786	48.618	ng	98
47) 2-Chloronaphthalene	9.14	162	1682719	46.674	ng	99
48) 2-Nitroaniline	9.23	65	504030	46.848	ng	99
49) Acenaphthylene	9.55	152	2578478	49.318	ng	99
50) Dimethylphthalate	9.43	163	2338827	55.938	ng	100
51) 2,6-Dinitrotoluene	9.48	165	470848	47.884	ng	99
52) Acenaphthene	9.73	154	1716479	50.118	ng	100
53) 3-Nitroaniline	9.64	138	318763	27.750	ng	94
54) 2,4-Dinitrophenol	9.75	184	357775	80.407	ng	99
55) Dibenzofuran	9.90	168	2232092	46.869	ng	97
56) 4-Nitrophenol	9.82	139	825958	98.129	ng	98
57) 2,4-Dinitrotoluene	9.88	165	625786	50.625	ng	91
58) Fluorene	10.24	166	1606127	54.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	517335	48.876	ng	100
60) Diethylphthalate	10.12	149	1913834	45.616	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	774274	42.448	ng	97
62) 4-Nitroaniline	10.26	138	463078	41.564	ng	95
63) Azobenzene	10.39	77	1722986	48.245	ng	97
65) 4,6-Dinitro-2-methylphenol	10.29	198	279525	47.735	ng	92
66) n-Nitrosodiphenylamine	10.35	169	1594461	46.776	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	552689	43.168	ng	98
68) Hexachlorobenzene	10.79	284	592775	42.304	ng	98
69) Atrazine	10.88	200	497442	41.960	ng	99
70) Pentachlorophenol	10.97	266	666705	82.306	ng	98
71) Phenanthrene	11.19	178	2617960	48.647	ng	99
72) Anthracene	11.24	178	2659427	46.957	ng	98
73) Carbazole	11.39	167	2440025	50.257	ng	99
74) Di-n-butylphthalate	11.74	149	2741167	42.927	ng	98
75) Fluoranthene	12.37	202	2770452	49.462	ng	98
78) Pyrene	12.60	202	2769246	52.265	ng	99
80) Butylbenzylphthalate	13.22	149	1166556	43.600	ng	97
81) Benzo(a)anthracene	13.77	228	2123954	45.128	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	410775	21.524	ng	97
83) Chrysene	13.81	228	2122243	46.352	ng	99
84) Bis(2-ethylhexyl)phthalate	13.79	149	1338405	39.559	ng	100
85) Di-n-octyl phthalate	14.39	149	2267276	39.439	ng	99
86) Indeno(1,2,3-cd)pyrene	16.48	276	2534929	48.524	ng	99
88) Benzo(b)fluoranthene	14.79	252	2258106	46.730	ng	99
89) Benzo(k)fluoranthene	14.82	252	1915925	46.688	ng	97
90) Benzo(a)pyrene	15.12	252	2077801	49.678	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	2041266	51.536	ng	99
92) Benzo(g,h,i)perylene	16.87	276	2200405	55.243	ng	98

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

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