Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114090.D
Acq On : 2 May 2019 17:51
Operator : JU/SJ
Sample : K2652-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-1-4MSD

Manual Integrations APPROVED
Sohil
5/3/2019 4:33:05 PM

Quant Time: May 03 04:16:00 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	6.89	152	75938	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	256707	20.00	ng		-0.01
39) Acenaphthene-d10	9.93	164	139645	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	316818	20.00	ng		0.00
76) Chrysene-d12	14.06	240	234709	20.00	ng		-0.01
87) Perylene-d12	15.56	264	264535	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	706569	159.14	ng		0.00
7) Phenol-d6	6.53	99	906617	162.76	ng		0.00
23) Nitrobenzene-d5	7.45	82	487417	117.23	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	290955	171.03	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	975145	109.22	ng		-0.01
79) Terphenyl-d14	12.99	244	1242772	108.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	102526	48.987	ng		97
3) Pyridine	3.44	79	299990	52.512	ng		97
4) n-Nitrosodimethylamine	3.37	42	110080	56.291	ng		94
6) Aniline	6.55	93	218282	28.537	ng		99
8) 2-Chlorophenol	6.68	128	251631	49.641	ng		96
9) Benzaldehyde	6.43	77	46113	10.020	ng		94
10) Phenol	6.54	94	334805	50.264	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	249046	49.686	ng		100
12) 1,3-Dichlorobenzene	6.83	146	274137	47.751	ng		99
13) 1,4-Dichlorobenzene	6.90	146	282750	48.966	ng		97
14) 1,2-Dichlorobenzene	7.06	146	271048	51.076	ng		99
15) Benzyl Alcohol	7.03	79	225834	60.196	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	267336	45.689	ng		96
17) 2-Methylphenol	7.15	107	201616	45.375	ng		98
18) Hexachloroethane	7.40	117	87850	43.400	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	173381	48.064	ng		98
20) 3+4-Methylphenols	7.29	107	260217	51.834	ng	#	69
22) Acetophenone	7.30	105	346000	60.568	ng	#	95
24) Nitrobenzene	7.47	77	250216	54.466	ng		98
25) Isophorone	7.71	82	441724	51.924	ng		100
26) 2-Nitrophenol	7.79	139	122932	58.657	ng		98
27) 2,4-Dimethylphenol	7.82	122	199966	58.562	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	279678	51.592	ng		99
29) 2,4-Dichlorophenol	8.03	162	213027	54.556	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	229947	52.815	ng		99
31) Naphthalene	8.19	128	665881	54.603	ng		100
32) Benzoic acid	7.89	122	8141	3.530	ng		87
33) 4-Chloroaniline	8.24	127	113191	21.936	ng		94
34) Hexachlorobutadiene	8.31	225	135330	49.862	ng		99
35) Caprolactam	8.60	113	63039m	50.751	ng		
36) 4-Chloro-3-methylphenol	8.73	107	206063	53.267	ng		98
37) 2-Methylnaphthalene	8.89	142	452553	55.031	ng		99
38) 1-Methylnaphthalene	8.99	142	427723	53.889	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	235021	51.811	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	131227	51.878	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	159254	55.289	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	169535	52.474	ng		97
46) 1,1'-Biphenyl	9.35	154	565242	52.986	ng		98
47) 2-Chloronaphthalene	9.37	162	456263	52.594	ng		98
48) 2-Nitroaniline	9.46	65	129857	57.100	ng		98
49) Acenaphthylene	9.79	152	709674	52.254	ng		97
50) Dimethylphthalate	9.65	163	638584	63.230	ng		99
51) 2,6-Dinitrotoluene	9.70	165	122922	56.733	ng		92
52) Acenaphthene	9.96	154	418562	52.149	ng		97
53) 3-Nitroaniline	9.87	138	88091	38.691	ng		95
54) 2,4-Dinitrophenol	9.99	184	13281	21.013	ng	#	2
55) Dibenzofuran	10.13	168	733821	61.035	ng		99
56) 4-Nitrophenol	10.05	139	203750	113.024	ng		99
57) 2,4-Dinitrotoluene	10.11	165	195060	71.324	ng		99
58) Fluorene	10.47	166	528379	58.373	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	156681	55.185	ng		99
60) Diethylphthalate	10.35	149	574775	59.931	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	277897	57.971	ng		96
62) 4-Nitroaniline	10.49	138	129847	58.441	ng		99
63) Azobenzene	10.63	77	521174	56.070	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	35033	27.760	ng		97
66) n-Nitrosodiphenylamine	10.58	169	504640	53.085	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	174988	45.721	ng		92
68) Hexachlorobenzene	11.03	284	202475	48.142	ng		99
69) Atrazine	11.11	200	166552	53.858	ng		99
70) Pentachlorophenol	11.22	266	176096	73.950	ng		98
71) Phenanthrene	11.44	178	785222	49.317	ng		99
72) Anthracene	11.49	178	833938	51.867	ng		98
73) Carbazole	11.64	167	774707	54.008	ng		99
74) Di-n-butylphthalate	11.97	149	901142	53.405	ng		99
75) Fluoranthene	12.63	202	898609	51.730	ng		96
77) Benzidine	12.74	184	273141	39.058	ng		97
78) Pyrene	12.86	202	881600	53.712	ng		99
80) Butylbenzylphthalate	13.46	149	377537	58.462	ng		98
81) Benzo(a)anthracene	14.05	228	756596	54.712	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	208994	41.233	ng		99
83) Chrysene	14.09	228	718473	53.347	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	532122	64.763	ng		100
85) Di-n-octyl phthalate	14.66	149	823073	63.999	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	800510	62.750	ng		98
88) Benzo(b)fluoranthene	15.13	252	744330	44.472	ng		100
89) Benzo(k)fluoranthene	15.16	252	830146	57.662	ng		98
90) Benzo(a)pyrene	15.50	252	782505	54.053	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	668595	49.199	ng		100
92) Benzo(g,h,i)perylene	17.52	276	654513	47.726	ng		99

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

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