Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043019\
Data File : BF114042.D
Acq On : 30 Apr 2019 15:18
Operator : JU/SJ
Sample : K2194-01MS 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-042919-AMS

Quant Time: Apr 30 23:02:37 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	123144	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	459375	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	227060	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	401450	20.00	ng		0.00
76) Chrysene-d12	14.05	240	325708	20.00	ng		-0.02
87) Perylene-d12	15.54	264	268096	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	343318	47.68	ng		0.00
7) Phenol-d6	6.52	99	456707	50.56	ng		0.00
23) Nitrobenzene-d5	7.45	82	267124	35.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.72	330	127814	46.21	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	555377	38.26	ng		-0.01
79) Terphenyl-d14	12.99	244	551708	34.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	43371	12.779	ng	#	95
3) Pyridine	3.44	79	117831	12.719	ng		95
4) n-Nitrosodimethylamine	3.36	42	43456	13.703	ng		98
6) Aniline	6.55	93	115459	9.308	ng		97
8) 2-Chlorophenol	6.67	128	134345	16.343	ng		98
9) Benzaldehyde	6.43	77	26531	0.909	ng		98
10) Phenol	6.53	94	173411	16.054	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	133491	16.423	ng		95
12) 1,3-Dichlorobenzene	6.83	146	149777	16.088	ng		97
13) 1,4-Dichlorobenzene	6.91	146	153167	16.357	ng		99
14) 1,2-Dichlorobenzene	7.06	146	146505	17.024	ng		96
15) Benzyl Alcohol	7.02	79	117157	19.257	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	144782	15.259	ng		93
17) 2-Methylphenol	7.14	107	109386	15.181	ng		99
18) Hexachloroethane	7.40	117	45545	13.875	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	96783	16.545	ng		95
20) 3+4-Methylphenols	7.29	107	145104	17.824	ng	#	73
22) Acetophenone	7.29	105	192543	18.835	ng	#	95
24) Nitrobenzene	7.46	77	142223	17.300	ng		98
25) Isophorone	7.70	82	257257	16.899	ng		99
26) 2-Nitrophenol	7.79	139	62497	16.664	ng		97
27) 2,4-Dimethylphenol	7.82	122	116942	19.138	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	165719	17.083	ng		99
29) 2,4-Dichlorophenol	8.03	162	121142	17.337	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	139014	17.843	ng		97
31) Naphthalene	8.19	128	401816	18.413	ng		99
32) Benzoic acid	7.82	122	116942	28.339	ng	#	14
33) 4-Chloroaniline	8.24	127	96655	10.467	ng		96
34) Hexachlorobutadiene	8.32	225	83209	17.132	ng		98
35) Caprolactam	8.58	113	37770	16.992	ng		97
36) 4-Chloro-3-methylphenol	8.72	107	118152	17.067	ng		99
37) 2-Methylnaphthalene	8.89	142	274006	18.620	ng		100
38) 1-Methylnaphthalene	8.99	142	251536	17.709	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	137302	18.616	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	12684	3.084	ng		94
43) 2,4,6-Trichlorophenol	9.16	196	87250	18.629	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	90108	17.153	ng		98
46) 1,1'-Biphenyl	9.35	154	331982	19.139	ng		98
47) 2-Chloronaphthalene	9.37	162	259387	18.389	ng		98
48) 2-Nitroaniline	9.46	65	70169	18.976	ng		89
49) Acenaphthylene	9.79	152	398427	18.042	ng		98
50) Dimethylphthalate	9.64	163	375428	22.862	ng		99
51) 2,6-Dinitrotoluene	9.70	165	62904	17.855	ng	#	89
52) Acenaphthene	9.96	154	228425	17.503	ng		97
53) 3-Nitroaniline	9.87	138	56536	15.272	ng		97
54) 2,4-Dinitrophenol	9.98	184	903	8.850	ng	#	38
55) Dibenzofuran	10.13	168	357025	18.263	ng		98
56) 4-Nitrophenol	10.03	139	89271	30.456	ng		96
57) 2,4-Dinitrotoluene	10.10	165	72628	16.333	ng	#	96
58) Fluorene	10.47	166	267403	18.169	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	74825	16.208	ng	#	94
60) Diethylphthalate	10.34	149	290437	18.625	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	141020	18.092	ng		95
62) 4-Nitroaniline	10.47	138	58784	16.272	ng		98
63) Azobenzene	10.62	77	252929	16.735	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	3211	8.788	ng	#	17
66) n-Nitrosodiphenylamine	10.57	169	239111	19.850	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	85871	17.707	ng		98
68) Hexachlorobenzene	11.03	284	89126	16.724	ng		99
69) Atrazine	11.10	200	82955	21.170	ng		99
70) Pentachlorophenol	11.22	266	89953	29.812	ng		98
71) Phenanthrene	11.43	178	439284	21.774	ng		98
72) Anthracene	11.49	178	402220	19.742	ng		98
73) Carbazole	11.64	167	328751	18.087	ng		99
74) Di-n-butylphthalate	11.97	149	427217	19.981	ng		99
75) Fluoranthene	12.63	202	536318	24.365	ng		96
77) Benzidine	12.75	184	117123	12.069	ng		98
78) Pyrene	12.86	202	534497	23.466	ng		98
80) Butylbenzylphthalate	13.46	149	165543	18.472	ng		98
81) Benzo(a)anthracene	14.04	228	439968	22.927	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	64051	9.106	ng		98
83) Chrysene	14.07	228	427138	22.855	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	250573	21.976	ng		98
85) Di-n-octyl phthalate	14.65	149	404293	22.653	ng	#	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	272046	15.367	ng		97
88) Benzo(b)fluoranthene	15.10	252	389841	22.983	ng	#	96
89) Benzo(k)fluoranthene	15.13	252	308439	21.140	ng		97
90) Benzo(a)pyrene	15.47	252	315352	21.494	ng		97
91) Dibenzo(a,h)anthracene	17.04	278	210337	15.272	ng		98
92) Benzo(g,h,i)perylene	17.48	276	222962	16.042	ng		98

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

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