Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030819\
Data File : BF112939.D
Acq On : 8 Mar 2019 12:56
Operator : JU/SJ
Sample : K1809-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A0-B0-A0A-A0BMS

Manual Integrations APPROVED
Sohil
3/11/2019 9:32:16 AM

Quant Time: Mar 08 23:22:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	193568	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	741569	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	359595	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	723594	20.00	ng		0.00
76) Chrysene-d12	13.86	240	516280	20.00	ng		-0.01
87) Perylene-d12	15.26	264	512393	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	808523	64.97	ng		0.00
7) Phenol-d6	6.37	99	1050429	67.20	ng		0.00
23) Nitrobenzene-d5	7.29	82	638208	51.50	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	316376	82.87	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1178919	48.45	ng		-0.01
79) Terphenyl-d14	12.82	244	1265686	47.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	123156	19.744	ng		95
3) Pyridine	3.15	79	269658	16.159	ng		99
4) n-Nitrosodimethylamine	3.05	42	133885	18.340	ng		96
6) Aniline	6.39	93	403048	18.732	ng	#	84
8) 2-Chlorophenol	6.52	128	306842	22.151	ng		95
9) Benzaldehyde	6.27	77	163686	14.533	ng		98
10) Phenol	6.38	94	410233	22.490	ng		95
11) bis(2-Chloroethyl)ether	6.46	93	293053	20.931	ng		98
12) 1,3-Dichlorobenzene	6.67	146	328076	22.927	ng		98
13) 1,4-Dichlorobenzene	6.75	146	329566	22.966	ng		98
14) 1,2-Dichlorobenzene	6.90	146	311103	23.649	ng		97
15) Benzyl Alcohol	6.87	79	269472	22.608	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.01	45	481890	20.625	ng		98
17) 2-Methylphenol	6.99	107	255187	22.708	ng		97
18) Hexachloroethane	7.25	117	117625	21.398	ng		92
19) n-Nitroso-di-n-propylamine	7.14	70	207032	20.912	ng		98
20) 3+4-Methylphenols	7.14	107	305757	24.100	ng		90
22) Acetophenone	7.14	105	417450	24.075	ng	#	93
24) Nitrobenzene	7.31	77	328390	23.808	ng		96
25) Isophorone	7.55	82	596136	22.328	ng		99
26) 2-Nitrophenol	7.63	139	165405	28.807	ng		98
27) 2,4-Dimethylphenol	7.67	122	275219	25.764	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	380734	22.809	ng		99
29) 2,4-Dichlorophenol	7.87	162	266466	25.723	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	280121	25.167	ng		98
31) Naphthalene	8.03	128	897122	24.367	ng		99
32) Benzoic acid	7.74	122	46475	6.207	ng		85
33) 4-Chloroaniline	8.08	127	340857	21.858	ng		99
34) Hexachlorobutadiene	8.16	225	160424	25.556	ng		98
35) Caprolactam	8.43	113	79031m	21.661	ng		
36) 4-Chloro-3-methylphenol	8.56	107	275961	24.071	ng		99
37) 2-Methylnaphthalene	8.72	142	608579	25.596	ng		99
38) 1-Methylnaphthalene	8.82	142	565100	24.536	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	263721	25.149	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	319840	55.700	ng		100
43) 2,4,6-Trichlorophenol	9.00	196	188044	26.056	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	206102	26.421	ng		94
46) 1,1'-Biphenyl	9.19	154	729348	24.866	ng		99
47) 2-Chloronaphthalene	9.21	162	565061	24.673	ng		97
48) 2-Nitroaniline	9.30	65	179244	25.749	ng		99
49) Acenaphthylene	9.62	152	923868	23.762	ng		99
50) Dimethylphthalate	9.49	163	702033	26.477	ng		99
51) 2,6-Dinitrotoluene	9.55	165	144369	26.147	ng	#	78
52) Acenaphthene	9.79	154	562129	24.723	ng		99
53) 3-Nitroaniline	9.71	138	154870	23.019	ng		98
54) 2,4-Dinitrophenol	9.82	184	76070	37.418	ng		95
55) Dibenzofuran	9.96	168	811304	24.551	ng		97
56) 4-Nitrophenol	9.87	139	249252	45.584	ng		93
57) 2,4-Dinitrotoluene	9.95	165	193741	28.229	ng	#	84
58) Fluorene	10.30	166	592139	25.247	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	168942	25.995	ng	#	94
60) Diethylphthalate	10.18	149	650413	23.226	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	292954	26.846	ng		95
62) 4-Nitroaniline	10.32	138	162937	26.208	ng		96
63) Azobenzene	10.46	77	625291	21.800	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	63307	23.859	ng		88
66) n-Nitrosodiphenylamine	10.42	169	549849	23.694	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	189298	24.837	ng		95
68) Hexachlorobenzene	10.86	284	218955	25.485	ng	#	90
69) Atrazine	10.95	200	172153	24.222	ng		98
70) Pentachlorophenol	11.05	266	197471	39.051	ng		97
71) Phenanthrene	11.26	178	886181	24.615	ng		99
72) Anthracene	11.31	178	935768	24.831	ng		99
73) Carbazole	11.47	167	883219	24.025	ng		98
74) Di-n-butylphthalate	11.80	149	1034153	23.460	ng		100
75) Fluoranthene	12.44	202	964568	25.007	ng		96
77) Benzidine	12.56	184	399027	14.897	ng		97
78) Pyrene	12.67	202	973995	22.379	ng		99
80) Butylbenzylphthalate	13.29	149	418753	21.797	ng		93
81) Benzo(a)anthracene	13.85	228	746290	20.857	ng		98
82) 3,3'-Dichlorobenzidine	13.82	252	245108	18.112	ng		98
83) Chrysene	13.89	228	774681	22.103	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	503194	22.330	ng		99
85) Di-n-octyl phthalate	14.46	149	892354	23.062	ng		97
86) Indeno(1,2,3-cd)pyrene	16.62	276	857327	28.692	ng		96
88) Benzo(b)fluoranthene	14.87	252	730930m	22.054	ng		
89) Benzo(k)fluoranthene	14.89	252	690354	22.996	ng		98
90) Benzo(a)pyrene	15.20	252	700411	23.892	ng		98
91) Dibenzo(a,h)anthracene	16.63	278	722947	28.900	ng		98
92) Benzo(g,h,i)perylene	17.03	276	750212	29.866	ng		97

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

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