Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112961.D
Acq On : 11 Mar 2019 18:15
Operator : JU/SJ
Sample : K1785-11MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SD2-0.0-0.5MS

Manual Integrations APPROVED
Sohil
3/12/2019 4:28:40 PM

Quant Time: Mar 12 05:12:53 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	132145	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	517512	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	291911	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	680949	20.00	ng		0.00
76) Chrysene-d12	13.87	240	537737	20.00	ng		0.00
87) Perylene-d12	15.27	264	525666	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	920879	108.40	ng		0.00
7) Phenol-d6	6.37	99	1197377	112.21	ng		0.00
23) Nitrobenzene-d5	7.29	82	710924	82.20	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	432619	139.60	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1211053	64.50	ng		-0.01
79) Terphenyl-d14	12.82	244	1661121	59.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	123427	28.985	ng		97
3) Pyridine	3.12	79	274577	24.101	ng		97
4) n-Nitrosodimethylamine	3.03	42	139947	28.081	ng		97
6) Aniline	6.39	93	224805	15.304	ng	#	48
8) 2-Chlorophenol	6.52	128	308818	32.657	ng		94
9) Benzaldehyde	6.27	77	137598	17.895	ng		98
10) Phenol	6.38	94	431761	34.672	ng		99
11) bis(2-Chloroethyl)ether	6.46	93	291563	30.505	ng		97
12) 1,3-Dichlorobenzene	6.67	146	322926	33.057	ng		98
13) 1,4-Dichlorobenzene	6.75	146	332986	33.989	ng		98
14) 1,2-Dichlorobenzene	6.90	146	316028	35.189	ng		99
15) Benzyl Alcohol	6.87	79	268475	32.994	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	475807	29.830	ng		97
17) 2-Methylphenol	6.99	107	255552	33.311	ng		97
18) Hexachloroethane	7.25	117	117076	31.198	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	206017	30.483	ng		97
20) 3+4-Methylphenols	7.14	107	315108	36.382	ng	#	88
22) Acetophenone	7.13	105	420630	34.760	ng		92
24) Nitrobenzene	7.31	77	327287	34.001	ng		97
25) Isophorone	7.55	82	602784	32.352	ng		99
26) 2-Nitrophenol	7.63	139	165070	41.195	ng		100
27) 2,4-Dimethylphenol	7.67	122	280015	37.562	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	377507	32.407	ng		99
29) 2,4-Dichlorophenol	7.87	162	275130	38.058	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	275495	35.467	ng		98
31) Naphthalene	8.03	128	906882	35.296	ng		100
32) Benzoic acid	7.77	122	172099m	32.938	ng		
33) 4-Chloroaniline	8.08	127	127860	11.749	ng		99
34) Hexachlorobutadiene	8.16	225	159616	36.436	ng		98
35) Caprolactam	8.43	113	103853m	40.788	ng		
36) 4-Chloro-3-methylphenol	8.57	107	305779	38.220	ng		97
37) 2-Methylnaphthalene	8.73	142	624753	37.653	ng		97
38) 1-Methylnaphthalene	8.82	142	592337	36.853	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	279561	32.842	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	263601	56.550	ng		99
43) 2,4,6-Trichlorophenol	9.00	196	220444	37.628	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	241629	38.158	ng		96
46) 1,1'-Biphenyl	9.19	154	792558	33.287	ng		100
47) 2-Chloronaphthalene	9.21	162	611604	32.897	ng		99
48) 2-Nitroaniline	9.30	65	215014	38.049	ng		95
49) Acenaphthylene	9.62	152	1060283	33.593	ng		99
50) Dimethylphthalate	9.49	163	849875	39.485	ng		99
51) 2,6-Dinitrotoluene	9.55	165	175715	39.203	ng	#	81
52) Acenaphthene	9.80	154	626384	33.937	ng		98
53) 3-Nitroaniline	9.71	138	142516	26.094	ng		96
54) 2,4-Dinitrophenol	9.82	184	152460	82.902	ng		98
55) Dibenzofuran	9.97	168	959617	35.772	ng		96
56) 4-Nitrophenol	9.88	139	373485	84.142	ng		94
57) 2,4-Dinitrotoluene	9.95	165	249217	44.731	ng	#	82
58) Fluorene	10.31	166	716452	37.630	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	231585	43.896	ng		93
60) Diethylphthalate	10.19	149	801496	35.257	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	357182	40.321	ng		90
62) 4-Nitroaniline	10.32	138	215116	42.624	ng		94
63) Azobenzene	10.46	77	771530	33.135	ng		94
65) 4,6-Dinitro-2-methylphenol	10.36	198	106998	39.180	ng		81
66) n-Nitrosodiphenylamine	10.42	169	694573	31.805	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	240363	33.512	ng	#	89
68) Hexachlorobenzene	10.86	284	285553	35.318	ng	#	86
69) Atrazine	10.95	200	242069	36.192	ng		99
70) Pentachlorophenol	11.05	266	349623	73.470	ng		98
71) Phenanthrene	11.26	178	1217805	35.945	ng		99
72) Anthracene	11.32	178	1262468	35.598	ng		99
73) Carbazole	11.47	167	1257189	36.339	ng		100
74) Di-n-butylphthalate	11.81	149	1437271	34.647	ng		99
75) Fluoranthene	12.45	202	1462125	40.281	ng		99
77) Benzidine	12.56	184	479779	17.197	ng		99
78) Pyrene	12.67	202	1490188	32.872	ng		99
80) Butylbenzylphthalate	13.29	149	680765	34.021	ng		97
81) Benzo(a)anthracene	13.86	228	1124387	30.170	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	307700	21.830	ng		100
83) Chrysene	13.89	228	1151060	31.531	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	828098	35.282	ng		100
85) Di-n-octyl phthalate	14.46	149	1519839	37.711	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1177834	37.845	ng		95
88) Benzo(b)fluoranthene	14.87	252	1095261	32.212	ng	#	98
89) Benzo(k)fluoranthene	14.90	252	995155m	32.312	ng		
90) Benzo(a)pyrene	15.22	252	1021189	33.955	ng		97
91) Dibenzo(a,h)anthracene	16.64	278	982618	38.289	ng		99
92) Benzo(g,h,i)perylene	17.04	276	951529	36.924	ng		96

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

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