Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112223.D
Acq On : 24 Jan 2019 21:51
Operator : JU/SJ
Sample : K1223-10MS 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-VMS

Manual Integrations APPROVED
Sohil
1/25/2019 10:05:28 AM

Quant Time: Jan 25 01:02:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	146596	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	561789	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	240409	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	407471	20.00	ng		0.00
76) Chrysene-d12	14.03	240	261770	20.00	ng		0.00
87) Perylene-d12	15.52	264	196718	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	518537	64.20	ng		0.00
7) Phenol-d6	6.51	99	631077	62.45	ng		0.00
23) Nitrobenzene-d5	7.42	82	394553	48.52	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	152595	58.84	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	711477	43.39	ng		0.00
79) Terphenyl-d14	12.97	244	612365	49.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	62427	16.480	ng		96
3) Pyridine	3.39	79	154334	16.267	ng		98
4) n-Nitrosodimethylamine	3.30	42	80179	20.814	ng	#	90
6) Aniline	6.52	93	129406	10.529	ng	#	27
8) 2-Chlorophenol	6.65	128	201667	21.499	ng		98
9) Benzaldehyde	6.40	77	38674	4.644	ng		95
10) Phenol	6.52	94	240359	21.764	ng		88
11) bis(2-Chloroethyl)ether	6.59	93	180344	20.538	ng		99
12) 1,3-Dichlorobenzene	6.80	146	216558	20.230	ng		97
13) 1,4-Dichlorobenzene	6.87	146	218694	19.972	ng		97
14) 1,2-Dichlorobenzene	7.03	146	206514	20.474	ng		95
15) Benzyl Alcohol	7.00	79	164390	21.835	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	208766	16.486	ng		72
17) 2-Methylphenol	7.12	107	151488	21.504	ng	#	91
18) Hexachloroethane	7.37	117	46804	12.806	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	133722	21.722	ng		99
20) 3+4-Methylphenols	7.28	107	208062	24.359	ng	#	61
22) Acetophenone	7.26	105	277900	21.352	ng	#	93
24) Nitrobenzene	7.44	77	194546	22.575	ng		96
25) Isophorone	7.68	82	347149	22.103	ng		96
26) 2-Nitrophenol	7.76	139	76872	20.992	ng		93
27) 2,4-Dimethylphenol	7.80	122	167189	22.933	ng		90
28) bis(2-Chloroethoxy)methane	7.88	93	225286	20.911	ng		98
29) 2,4-Dichlorophenol	8.01	162	160697	20.178	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	176270	19.072	ng		98
31) Naphthalene	8.16	128	555164	21.727	ng		99
32) Benzoic acid	7.94	122	3815m	8.417	ng		
33) 4-Chloroaniline	8.21	127	113219	9.859	ng		98
34) Hexachlorobutadiene	8.28	225	99729	19.390	ng		99
35) Caprolactam	8.56	113	44892	16.105	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	158665	20.398	ng		95
37) 2-Methylnaphthalene	8.86	142	378983	21.842	ng		98
38) 1-Methylnaphthalene	8.96	142	342811	20.558	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	160249	20.758	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	340	7.958	ng		88
43) 2,4,6-Trichlorophenol	9.14	196	104229	22.569	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	104665	21.279	ng		97
46) 1,1'-Biphenyl	9.32	154	431604	21.470	ng		98
47) 2-Chloronaphthalene	9.35	162	324782	20.640	ng		97
48) 2-Nitroaniline	9.44	65	98072	27.670	ng		93
49) Acenaphthylene	9.76	152	495415	21.575	ng		98
50) Dimethylphthalate	9.61	163	485129	27.670	ng		99
51) 2,6-Dinitrotoluene	9.68	165	71930	20.544	ng		94
52) Acenaphthene	9.93	154	294232	20.943	ng		99
53) 3-Nitroaniline	9.85	138	84153	21.493	ng		93
55) Dibenzofuran	10.10	168	438027	20.616	ng		95
56) 4-Nitrophenol	10.03	139	89422	35.351	ng		84
57) 2,4-Dinitrotoluene	10.09	165	81583	21.000	ng	#	87
58) Fluorene	10.45	166	337629	21.269	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	75702	20.396	ng	#	93
60) Diethylphthalate	10.31	149	403168	23.558	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	165519	19.323	ng		92
62) 4-Nitroaniline	10.46	138	94167	24.221	ng		93
63) Azobenzene	10.59	77	295385	18.023	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	962	10.517	ng	#	1
66) n-Nitrosodiphenylamine	10.55	169	298915	22.190	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	95093	20.092	ng		92
68) Hexachlorobenzene	11.00	284	97152	19.055	ng		99
69) Atrazine	11.08	200	94561	21.754	ng		94
70) Pentachlorophenol	11.20	266	62531	29.667	ng		100
71) Phenanthrene	11.41	178	626095	30.532	ng		99
72) Anthracene	11.46	178	507364	24.424	ng		99
73) Carbazole	11.62	167	424020	20.376	ng		99
74) Di-n-butylphthalate	11.94	149	565949	24.178	ng		99
75) Fluoranthene	12.60	202	707677	32.685	ng		98
77) Benzidine	12.72	184	58776	6.730	ng		97
78) Pyrene	12.83	202	653079	37.815	ng		98
80) Butylbenzylphthalate	13.44	149	257374	33.969	ng		91
81) Benzo(a)anthracene	14.03	228	401822	26.772	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	65049	11.573	ng		96
83) Chrysene	14.06	228	375755	26.458	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	367913	33.882	ng		98
85) Di-n-octyl phthalate	14.61	149	480224	28.703	ng		100
86) Indeno(1,2,3-cd)pyrene	17.02	276	256764	19.597	ng		95
88) Benzo(b)fluoranthene	15.09	252	320744	28.724	ng		97
89) Benzo(k)fluoranthene	15.11	252	255031	23.597	ng		98
90) Benzo(a)pyrene	15.46	252	269053	26.273	ng		97
91) Dibenzo(a,h)anthracene	17.03	278	194348	21.368	ng		98
92) Benzo(g,h,i)perylene	17.47	276	202721	22.624	ng		97

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

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