Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112224.D
Acq On : 24 Jan 2019 22:19
Operator : JU/SJ
Sample : K1223-10MSD 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-VMSD

Manual Integrations APPROVED

Sohil

Quant Time: Jan 25 01:04:22 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

1/25/2019 10:05:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	169502	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	677208	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	297554	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	494261	20.00	ng		0.00
76) Chrysene-d12	14.03	240	294228	20.00	ng		0.00
87) Perylene-d12	15.52	264	253064	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	645488	69.12	ng		0.00
7) Phenol-d6	6.51	99	720974	61.70	ng		0.00
23) Nitrobenzene-d5	7.42	82	415643	42.40	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	182158	56.75	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	845289	41.65	ng		0.00
79) Terphenyl-d14	12.97	244	638437	46.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	48006	10.961	ng		95
3) Pyridine	3.39	79	143519	13.083	ng		98
4) n-Nitrosodimethylamine	3.31	42	73806	16.571	ng	#	92
6) Aniline	6.52	93	123836	8.714	ng	#	1
8) 2-Chlorophenol	6.65	128	201636	18.591	ng		98
9) Benzaldehyde	6.40	77	39794	4.019	ng		95
10) Phenol	6.52	94	264618	20.722	ng		85
11) bis(2-Chloroethyl)ether	6.59	93	172771	17.016	ng		98
12) 1,3-Dichlorobenzene	6.80	146	211497	17.087	ng		97
13) 1,4-Dichlorobenzene	6.87	146	213389	16.854	ng		97
14) 1,2-Dichlorobenzene	7.03	146	198474	17.018	ng		97
15) Benzyl Alcohol	7.00	79	149763	17.204	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	204096	13.939	ng		75
17) 2-Methylphenol	7.12	107	146033	17.929	ng		94
18) Hexachloroethane	7.37	117	40272	9.530	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	131820	18.519	ng		96
20) 3+4-Methylphenols	7.28	107	195728	19.819	ng	#	60
22) Acetophenone	7.26	105	272768	17.386	ng	#	92
24) Nitrobenzene	7.44	77	191404	18.425	ng		96
25) Isophorone	7.67	82	360445	19.038	ng		100
26) 2-Nitrophenol	7.76	139	75513	18.158	ng		95
27) 2,4-Dimethylphenol	7.80	122	180861	20.580	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	236122	18.181	ng		99
29) 2,4-Dichlorophenol	8.01	162	167539	17.451	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	182978	16.423	ng		99
31) Naphthalene	8.16	128	576810	18.727	ng		98
32) Benzoic acid	7.94	122	4270m	8.329	ng		
33) 4-Chloroaniline	8.21	127	114409	8.265	ng		99
34) Hexachlorobutadiene	8.28	225	100830	16.262	ng		99
35) Caprolactam	8.56	113	50800	15.119	ng		99
36) 4-Chloro-3-methylphenol	8.71	107	169110	18.035	ng		98
37) 2-Methylnaphthalene	8.86	142	417978	19.984	ng		99
38) 1-Methylnaphthalene	8.96	142	379081	18.859	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	172910	18.097	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.14	196	111381	19.486	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	114586	18.822	ng		98
46) 1,1'-Biphenyl	9.32	154	458836	18.442	ng		99
47) 2-Chloronaphthalene	9.35	162	336118	17.258	ng		97
48) 2-Nitroaniline	9.44	65	102182	23.293	ng		97
49) Acenaphthylene	9.76	152	523343	18.414	ng		98
50) Dimethylphthalate	9.61	163	535707	24.687	ng		99
51) 2,6-Dinitrotoluene	9.67	165	70993	16.382	ng	#	86
52) Acenaphthene	9.93	154	306438	17.623	ng		99
53) 3-Nitroaniline	9.85	138	96319	19.876	ng		98
55) Dibenzofuran	10.10	168	451190	17.158	ng		96
56) 4-Nitrophenol	10.04	139	93533	30.751	ng		96
57) 2,4-Dinitrotoluene	10.09	165	73073	16.464	ng		90
58) Fluorene	10.45	166	349421	17.784	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	77900	16.957	ng	#	94
60) Diethylphthalate	10.31	149	408868	19.302	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	172184	16.241	ng		95
62) 4-Nitroaniline	10.46	138	104774	21.773	ng		98
63) Azobenzene	10.60	77	287470	14.172	ng		94
65) 4,6-Dinitro-2-methylphenol	10.51	198	198	10.146	ng	#	1
66) n-Nitrosodiphenylamine	10.55	169	305537	18.699	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	98666	17.186	ng		92
68) Hexachlorobenzene	11.00	284	99791	16.136	ng		98
69) Atrazine	11.08	200	94406	17.905	ng		98
70) Pentachlorophenol	11.20	266	63262	25.757	ng		98
71) Phenanthrene	11.41	178	653673	26.279	ng		98
72) Anthracene	11.46	178	514537	20.420	ng		98
73) Carbazole	11.62	167	448104	17.753	ng		99
74) Di-n-butylphthalate	11.94	149	560573	19.743	ng		98
75) Fluoranthene	12.60	202	796088	30.312	ng		98
77) Benzidine	12.72	184	54111	5.512	ng		97
78) Pyrene	12.83	202	682427	35.155	ng		98
80) Butylbenzylphthalate	13.44	149	506873	59.520	ng		91
81) Benzo(a)anthracene	14.03	228	393325	23.315	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	61497	9.734	ng	#	98
83) Chrysene	14.06	228	376175	23.565	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	513366	42.062	ng		97
85) Di-n-octyl phthalate	14.61	149	460862	24.507	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	283810	19.271	ng		94
88) Benzo(b)fluoranthene	15.09	252	363494	25.304	ng		98
89) Benzo(k)fluoranthene	15.11	252	281567	20.252	ng		97
90) Benzo(a)pyrene	15.46	252	296742	22.525	ng	#	96
91) Dibenzo(a,h)anthracene	17.03	278	210655	18.004	ng		99
92) Benzo(g,h,i)perylene	17.47	276	225159	19.533	ng		99

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

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