Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116482.D
Acq On : 23 Aug 2019 17:34
Operator : HP/JU
Sample : PB122424BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122361BS

Manual Integrations APPROVED
JAGRUT
8/29/2019 8:23:36 AM

Quant Time: Aug 24 03:45:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	103832	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	404289	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	187453	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	290550	20.00	ng		0.00
76) Chrysene-d12	14.03	240	178958	20.00	ng		0.00
87) Perylene-d12	15.49	264	190026	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	612590	86.20	ng		0.01
7) Phenol-d6	6.50	99	756399	86.81	ng		0.00
23) Nitrobenzene-d5	7.44	82	429877	58.17	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	150781	93.68	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	753498	64.73	ng		0.00
79) Terphenyl-d14	12.97	244	620346	64.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	114986	37.372	ng		96
3) Pyridine	3.49	79	283560	30.264	ng		99
4) n-Nitrosodimethylamine	3.43	42	123988	36.249	ng		99
6) Aniline	6.54	93	336759	28.548	ng		98
8) 2-Chlorophenol	6.67	128	263711	35.363	ng		100
9) Benzaldehyde	6.43	77	216197	37.136	ng		99
10) Phenol	6.52	94	323123m	34.150	ng		
11) bis(2-Chloroethyl)ether	6.62	93	259103	35.965	ng		99
12) 1,3-Dichlorobenzene	6.83	146	293360	36.345	ng		95
13) 1,4-Dichlorobenzene	6.90	146	297293	38.270	ng		99
14) 1,2-Dichlorobenzene	7.06	146	277308	37.840	ng		99
15) Benzyl Alcohol	7.02	79	239114	33.910	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	336868	33.819	ng		99
17) 2-Methylphenol	7.13	107	215558	34.888	ng		99
18) Hexachloroethane	7.40	117	112546	37.148	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	192605	32.395	ng		96
20) 3+4-Methylphenols	7.28	107	267912	35.397	ng	#	88
22) Acetophenone	7.29	105	375222	37.116	ng	#	98
24) Nitrobenzene	7.46	77	290599	37.973	ng		96
25) Isophorone	7.70	82	511408	35.118	ng		99
26) 2-Nitrophenol	7.77	139	122087	43.675	ng		99
27) 2,4-Dimethylphenol	7.81	122	222321	38.117	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	312965	34.800	ng		99
29) 2,4-Dichlorophenol	8.02	162	202042	36.425	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	235308	37.683	ng		98
31) Naphthalene	8.19	128	746981	38.194	ng		99
32) Benzoic acid	7.90	122	129598	34.757	ng		98
33) 4-Chloroaniline	8.23	127	160125	18.650	ng		97
34) Hexachlorobutadiene	8.31	225	129367	37.987	ng		99
35) Caprolactam	8.57	113	55709	28.834	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	210476	33.630	ng		98
37) 2-Methylnaphthalene	8.87	142	485324	36.141	ng		99
38) 1-Methylnaphthalene	8.97	142	453015	36.114	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	204047	40.459	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	242320	89.303	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	135196	38.303	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	139318	38.791	ng		98
46) 1,1'-Biphenyl	9.34	154	585218	39.048	ng		99
47) 2-Chloronaphthalene	9.36	162	443222	38.147	ng		99
48) 2-Nitroaniline	9.45	65	120739	33.939	ng		91
49) Acenaphthylene	9.77	152	668783	39.342	ng		100
50) Dimethylphthalate	9.63	163	463389	35.431	ng		99
51) 2,6-Dinitrotoluene	9.69	165	99735	37.256	ng		89
52) Acenaphthene	9.95	154	436762	40.041	ng		99
53) 3-Nitroaniline	9.85	138	66909	20.968	ng		100
54) 2,4-Dinitrophenol	9.96	184	61681	61.072	ng	#	32
55) Dibenzofuran	10.12	168	575649	37.859	ng		99
56) 4-Nitrophenol	10.00	139	156226	62.989	ng		98
57) 2,4-Dinitrotoluene	10.09	165	124036	36.413	ng		90
58) Fluorene	10.46	166	432560	36.616	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	109453	37.116	ng		97
60) Diethylphthalate	10.33	149	443981	34.539	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	210954	36.604	ng		99
62) 4-Nitroaniline	10.46	138	94495	30.278	ng		97
63) Azobenzene	10.62	77	484827	36.682	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	46375	40.250	ng		84
66) n-Nitrosodiphenylamine	10.57	169	372342	39.577	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	122449	40.199	ng		96
68) Hexachlorobenzene	11.01	284	128478	38.134	ng	#	90
69) Atrazine	11.09	200	102215	36.262	ng		99
70) Pentachlorophenol	11.20	266	146538	74.549	ng		99
71) Phenanthrene	11.42	178	615989	38.918	ng		98
72) Anthracene	11.47	178	626858	39.413	ng		100
73) Carbazole	11.62	167	512978	35.932	ng		99
74) Di-n-butylphthalate	11.96	149	646184	36.526	ng		100
75) Fluoranthene	12.60	202	577948	35.318	ng		98
77) Benzidine	12.72	184	241171	33.496	ng		97
78) Pyrene	12.83	202	582167	40.678	ng		99
80) Butylbenzylphthalate	13.45	149	240046	38.838	ng		90
81) Benzo(a)anthracene	14.02	228	442963	38.218	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	126432	30.610	ng		99
83) Chrysene	14.06	228	441830	37.610	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	338853	41.115	ng		98
85) Di-n-octyl phthalate	14.63	149	564949	40.377	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	519817	51.655	ng		99
88) Benzo(b)fluoranthene	15.07	252	433548	36.933	ng		97
89) Benzo(k)fluoranthene	15.10	252	411700	38.712	ng		99
90) Benzo(a)pyrene	15.43	252	417496	40.241	ng		98
91) Dibenzo(a,h)anthracene	16.98	278	433717	50.874	ng		97
92) Benzo(g,h,i)perylene	17.40	276	446149	54.894	ng		96

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

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