Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116200.D
Acq On : 12 Aug 2019 20:31
Operator : HP/JU
Sample : K4085-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Manual Integrations APPROVED
mohammad
8/14/2019 2:53:32 AM

Quant Time: Aug 13 01:41:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	118718	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	465835	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	257100	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	473951	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	349999	20.00	ng	0.00
87) Perylene-d12	15.47	264	353177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	909808	128.29	ng	0.00
7) Phenol-d6	6.48	99	1082057	120.94	ng	0.00
23) Nitrobenzene-d5	7.40	82	812391	100.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	355035	142.43	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1413285	102.96	ng	-0.01
79) Terphenyl-d14	12.94	244	1698869	102.28	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	138817	38.748	ng	# 85
3) Pyridine	3.47	79	232888	23.271	ng	100
4) n-Nitrosodimethylamine	3.38	42	158262	40.072	ng	98
6) Aniline	6.51	93	145717	11.372	ng	# 83
8) 2-Chlorophenol	6.63	128	372482	47.499	ng	98
9) Benzaldehyde	6.39	77	162493	26.321	ng	99
10) Phenol	6.49	94	401762	38.131	ng	79
11) bis(2-Chloroethyl)ether	6.57	93	375993	48.537	ng	98
12) 1,3-Dichlorobenzene	6.77	146	398033	43.919	ng	99
13) 1,4-Dichlorobenzene	6.85	146	412638	45.473	ng	99
14) 1,2-Dichlorobenzene	7.00	146	379577	45.428	ng	99
15) Benzyl Alcohol	6.98	79	312763	46.062	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	478013	45.240	ng	90
17) 2-Methylphenol	7.10	107	309634	46.631	ng	95
18) Hexachloroethane	7.34	117	148981	44.592	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	267606	48.266	ng	99
20) 3+4-Methylphenols	7.25	107	385366	49.043	ng	93
22) Acetophenone	7.25	105	528748	51.755	ng	96
24) Nitrobenzene	7.42	77	427472	49.056	ng	99
25) Isophorone	7.66	82	785881	50.927	ng	100
26) 2-Nitrophenol	7.73	139	210627	51.278	ng	98
27) 2,4-Dimethylphenol	7.77	122	348027	56.317	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	482298	50.425	ng	100
29) 2,4-Dichlorophenol	7.98	162	345936	53.017	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	361311	48.577	ng	99
31) Naphthalene	8.13	128	1102318	50.286	ng	99
32) Benzoic acid	7.92	122	136492	31.328	ng	97
33) 4-Chloroaniline	8.20	127	86781	8.860	ng	98
34) Hexachlorobutadiene	8.25	225	198893	46.425	ng	99
35) Caprolactam	8.57	113	78599m	37.244	ng	
36) 4-Chloro-3-methylphenol	8.68	107	347932	51.256	ng	98
37) 2-Methylnaphthalene	8.83	142	750127	51.959	ng	99
38) 1-Methylnaphthalene	8.93	142	697816	51.092	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	342622	49.848	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	179941	59.921	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	225115	47.583	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	238478	48.764	ng		99
46) 1,1'-Biphenyl	9.29	154	920835	50.731	ng		99
47) 2-Chloronaphthalene	9.32	162	729949	48.318	ng		99
48) 2-Nitroaniline	9.42	65	228858	45.831	ng		98
49) Acenaphthylene	9.73	152	1098864	49.858	ng		100
50) Dimethylphthalate	9.59	163	864180	49.366	ng		100
51) 2,6-Dinitrotoluene	9.66	165	194397	51.100	ng		98
52) Acenaphthene	9.90	154	670438	49.584	ng		99
53) 3-Nitroaniline	9.83	138	88039	18.729	ng		99
54) 2,4-Dinitrophenol	9.95	184	139850	73.031	ng		98
55) Dibenzofuran	10.08	168	947058	48.164	ng		98
56) 4-Nitrophenol	10.01	139	234973	78.032	ng		96
57) 2,4-Dinitrotoluene	10.07	165	240465	47.475	ng		96
58) Fluorene	10.42	166	773172	51.107	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	214002	52.013	ng		99
60) Diethylphthalate	10.29	149	843860	51.632	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	391697	51.123	ng		98
62) 4-Nitroaniline	10.45	138	211256	43.487	ng		99
63) Azobenzene	10.57	77	859590	51.134	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	113250	45.090	ng		88
66) n-Nitrosodiphenylamine	10.53	169	686904	48.152	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	243428	47.979	ng		98
68) Hexachlorobenzene	10.97	284	268171	45.709	ng		99
69) Atrazine	11.06	200	224064	47.744	ng		99
70) Pentachlorophenol	11.17	266	251857	88.422	ng		98
71) Phenanthrene	11.39	178	1159963	47.874	ng		100
72) Anthracene	11.43	178	1208537	49.285	ng		99
73) Carbazole	11.59	167	1105461	49.691	ng		100
74) Di-n-butylphthalate	11.91	149	1364063	52.561	ng		99
75) Fluoranthene	12.57	202	1243461	49.021	ng		98
77) Benzidine	12.70	184	69299	5.861	ng	#	95
78) Pyrene	12.80	202	1275102	48.330	ng		99
80) Butylbenzylphthalate	13.41	149	597673	53.553	ng		98
81) Benzo(a)anthracene	13.99	228	1068205	47.750	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	126617	16.291	ng		97
83) Chrysene	14.03	228	1041816	47.969	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	855287	58.974	ng		100
85) Di-n-octyl phthalate	14.57	149	1347532	58.498	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1025945	56.243	ng		99
88) Benzo(b)fluoranthene	15.04	252	1004726	49.200	ng		99
89) Benzo(k)fluoranthene	15.07	252	875689	44.026	ng		99
90) Benzo(a)pyrene	15.40	252	905727	49.615	ng		99
91) Dibenzo(a,h)anthracene	16.95	278	863469	54.644	ng		99
92) Benzo(g,h,i)perylene	17.39	276	875305	56.403	ng		97

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

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