Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116920.D
Acq On : 10 Sep 2019 14:46
Operator : HP/JU
Sample : PB122916BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB122916BS

Manual Integrations APPROVED
mohammad
9/16/2019 8:56:51 AM

Quant Time: Sep 10 17:58:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82074	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	351447	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	186872	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	301085	20.00	ng		0.00
76) Chrysene-d12	13.99	240	197179	20.00	ng		0.00
87) Perylene-d12	15.43	264	126282	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	518477	102.34	ng		0.01
7) Phenol-d6	6.47	99	665823	100.09	ng		0.00
23) Nitrobenzene-d5	7.40	82	389355	63.24	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	154463	123.64	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	695961	62.82	ng		0.00
79) Terphenyl-d14	12.93	244	677203	63.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	76220	32.592	ng		96
3) Pyridine	3.40	79	171221	25.286	ng		91
4) n-Nitrosodimethylamine	3.34	42	73839	31.756	ng		81
6) Aniline	6.50	93	235557	25.566	ng		99
8) 2-Chlorophenol	6.62	128	229809	41.554	ng		95
9) Benzaldehyde	6.38	77	95167	21.714	ng		98
10) Phenol	6.49	94	288238	39.129	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	212186	36.994	ng		98
12) 1,3-Dichlorobenzene	6.78	146	223843	35.812	ng		96
13) 1,4-Dichlorobenzene	6.85	146	231026	37.125	ng		98
14) 1,2-Dichlorobenzene	7.00	146	215456	37.361	ng		95
15) Benzyl Alcohol	6.97	79	204277	37.829	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	205476	30.534	ng		86
17) 2-Methylphenol	7.09	107	194234	40.120	ng		99
18) Hexachloroethane	7.35	117	88851	36.750	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	163907	37.421	ng		93
20) 3+4-Methylphenols	7.25	107	239126	42.481	ng	#	74
22) Acetophenone	7.25	105	330779	39.094	ng	#	95
24) Nitrobenzene	7.42	77	249423	39.836	ng		95
25) Isophorone	7.66	82	460230	36.893	ng		98
26) 2-Nitrophenol	7.73	139	118791	51.031	ng		93
27) 2,4-Dimethylphenol	7.77	122	200717	42.695	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	275596	36.152	ng		99
29) 2,4-Dichlorophenol	7.97	162	186990	41.388	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	182323	37.206	ng		95
31) Naphthalene	8.14	128	642902	38.470	ng		99
32) Benzoic acid	7.90	122	127672	48.097	ng		97
33) 4-Chloroaniline	8.19	127	195222	25.663	ng		96
34) Hexachlorobutadiene	8.26	225	102572	38.389	ng		99
35) Caprolactam	8.55	113	61486m	36.364	ng		
36) 4-Chloro-3-methylphenol	8.67	107	222168	42.785	ng		98
37) 2-Methylnaphthalene	8.83	142	444044	39.935	ng		98
38) 1-Methylnaphthalene	8.93	142	414688	39.508	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	172353	38.474	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	135457	52.363	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	124477	40.536	ng		96
44) 2,4,5-Trichlorophenol	9.15	196	135354	42.457	ng	#	91
46) 1,1'-Biphenyl	9.29	154	525494	37.059	ng		99
47) 2-Chloronaphthalene	9.32	162	417463	37.170	ng		98
48) 2-Nitroaniline	9.41	65	132579	40.832	ng		97
49) Acenaphthylene	9.73	152	650911	38.340	ng		99
50) Dimethylphthalate	9.59	163	484834	37.579	ng		97
51) 2,6-Dinitrotoluene	9.65	165	106928	43.440	ng		98
52) Acenaphthene	9.90	154	381619	36.583	ng		99
53) 3-Nitroaniline	9.82	138	98256	31.852	ng		91
54) 2,4-Dinitrophenol	9.93	184	94387	104.894	ng		96
55) Dibenzofuran	10.07	168	577907	39.299	ng		95
56) 4-Nitrophenol	9.99	139	183934	86.959	ng		88
57) 2,4-Dinitrotoluene	10.06	165	146151	48.558	ng		97
58) Fluorene	10.42	166	459785	41.034	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	108020	46.948	ng		99
60) Diethylphthalate	10.29	149	492397	38.101	ng		97
61) 4-Chlorophenyl-phenylether	10.41	204	196583	40.065	ng		96
62) 4-Nitroaniline	10.43	138	118964	39.738	ng		97
63) Azobenzene	10.57	77	509261	37.791	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	63236	55.626	ng		88
66) n-Nitrosodiphenylamine	10.53	169	401838	38.581	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	116888	38.216	ng		94
68) Hexachlorobenzene	10.97	284	121884	38.087	ng		98
69) Atrazine	11.05	200	106971	36.670	ng		97
70) Pentachlorophenol	11.16	266	139546	90.143	ng		100
71) Phenanthrene	11.38	178	646480	38.572	ng		99
72) Anthracene	11.43	178	647994	38.407	ng		99
73) Carbazole	11.58	167	614714	38.249	ng		99
74) Di-n-butylphthalate	11.91	149	763278	37.047	ng		99
75) Fluoranthene	12.56	202	644744	39.144	ng		99
77) Benzidine	12.68	184	98414	12.725	ng		100
78) Pyrene	12.79	202	654806	37.358	ng		99
80) Butylbenzylphthalate	13.40	149	313416	36.769	ng		92
81) Benzo(a)anthracene	13.97	228	475920	38.136	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	129938	30.810	ng		97
83) Chrysene	14.02	228	478948	37.252	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	409440	38.913	ng		99
85) Di-n-octyl phthalate	14.57	149	621988	36.123	ng		97
86) Indeno(1,2,3-cd)pyrene	16.88	276	327715	31.734	ng		97
88) Benzo(b)fluoranthene	15.02	252	371896	48.711	ng		100
89) Benzo(k)fluoranthene	15.04	252	359499	51.643	ng		100
90) Benzo(a)pyrene	15.37	252	333764	50.248	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	282183	48.534	ng		97
92) Benzo(g,h,i)perylene	17.32	276	279526	47.140	ng		96

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

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