Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
Data File : BF116061.D
Acq On : 8 Aug 2019 11:43
Operator : HP/JU
Sample : PB122034BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122034BS

Manual Integrations APPROVED
mohammad
8/14/2019 9:21:14 AM

Quant Time: Aug 09 15:19:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	137155	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	552639	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	296060	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	514659	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	368507	20.00	ng		-0.02
87) Perylene-d12	15.46	264	288174	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	859420	104.90	ng		0.00
7) Phenol-d6	6.48	99	1096335	106.06	ng		0.00
23) Nitrobenzene-d5	7.40	82	699347	73.05	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	311933	108.67	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	1221661	77.29	ng		-0.02
79) Terphenyl-d14	12.94	244	1393935	79.71	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	158399	38.270	ng		100
3) Pyridine	3.44	79	340421	29.443	ng		96
4) n-Nitrosodimethylamine	3.38	42	158836	34.811	ng		99
6) Aniline	6.50	93	410870	27.755	ng		95
8) 2-Chlorophenol	6.63	128	357057	39.411	ng		99
9) Benzaldehyde	6.39	77	107983	15.140	ng		100
10) Phenol	6.49	94	449705	36.944	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	339149	37.896	ng		98
12) 1,3-Dichlorobenzene	6.78	146	374747	35.791	ng		99
13) 1,4-Dichlorobenzene	6.86	146	381404	36.381	ng		99
14) 1,2-Dichlorobenzene	7.01	146	356581	36.939	ng		100
15) Benzyl Alcohol	6.99	79	301420	38.424	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	450802	36.930	ng		87
17) 2-Methylphenol	7.10	107	299182	39.000	ng		99
18) Hexachloroethane	7.35	117	139839	36.230	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	245353	38.303	ng		98
20) 3+4-Methylphenols	7.25	107	364251	40.124	ng	#	85
22) Acetophenone	7.25	105	481667	39.741	ng	#	98
24) Nitrobenzene	7.42	77	390813	37.805	ng		97
25) Isophorone	7.66	82	710608	38.816	ng		99
26) 2-Nitrophenol	7.74	139	196430	40.310	ng		94
27) 2,4-Dimethylphenol	7.77	122	320101	43.662	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	434519	38.294	ng		99
29) 2,4-Dichlorophenol	7.98	162	307759	39.758	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	331116	37.525	ng		99
31) Naphthalene	8.14	128	1018530	39.165	ng		100
32) Benzoic acid	7.92	122	199192	38.537	ng		99
33) 4-Chloroaniline	8.19	127	313315	26.964	ng		99
34) Hexachlorobutadiene	8.26	225	183327	36.070	ng		99
35) Caprolactam	8.56	113	96146m	38.403	ng		
36) 4-Chloro-3-methylphenol	8.68	107	319668	39.696	ng		98
37) 2-Methylnaphthalene	8.83	142	678670	39.625	ng		99
38) 1-Methylnaphthalene	8.93	142	634344	39.150	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	310190	39.191	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	142414	43.035	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	203476	37.349	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	216061	38.366	ng		97
46) 1,1'-Biphenyl	9.29	154	835831	39.989	ng		100
47) 2-Chloronaphthalene	9.32	162	649946	37.361	ng		99
48) 2-Nitroaniline	9.42	65	204391	35.545	ng		98
49) Acenaphthylene	9.73	152	988867	38.963	ng		100
50) Dimethylphthalate	9.59	163	775982	38.494	ng		100
51) 2,6-Dinitrotoluene	9.66	165	170202	38.852	ng	#	86
52) Acenaphthene	9.91	154	593788	38.136	ng		99
53) 3-Nitroaniline	9.83	138	146011	26.974	ng		97
54) 2,4-Dinitrophenol	9.95	184	153197	69.854	ng	#	86
55) Dibenzofuran	10.08	168	874038	38.601	ng		98
56) 4-Nitrophenol	10.00	139	237809	68.581	ng		97
57) 2,4-Dinitrotoluene	10.07	165	223389	38.300	ng		91
58) Fluorene	10.42	166	689002	39.550	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	188481	39.782	ng		97
60) Diethylphthalate	10.29	149	742148	39.433	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	345042	39.108	ng		99
62) 4-Nitroaniline	10.45	138	187295	33.481	ng		96
63) Azobenzene	10.57	77	757935	39.154	ng		95
65) 4,6-Dinitro-2-methylphenol	10.49	198	116102	42.570	ng		93
66) n-Nitrosodiphenylamine	10.53	169	618331	39.916	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	213217	38.700	ng		99
68) Hexachlorobenzene	10.98	284	239458	37.587	ng		93
69) Atrazine	11.06	200	190721	37.425	ng		98
70) Pentachlorophenol	11.17	266	227258	73.475	ng		99
71) Phenanthrene	11.39	178	1031228	39.195	ng		100
72) Anthracene	11.44	178	1059147	39.777	ng		99
73) Carbazole	11.59	167	970509	40.174	ng		98
74) Di-n-butylphthalate	11.92	149	1173449	41.640	ng		100
75) Fluoranthene	12.57	202	1093928	39.715	ng		99
77) Benzidine	12.69	184	314854	25.290	ng		97
78) Pyrene	12.80	202	1105221	39.787	ng		100
80) Butylbenzylphthalate	13.41	149	495577	42.175	ng		97
81) Benzo(a)anthracene	13.99	228	903700	38.368	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	287254	35.104	ng	#	97
83) Chrysene	14.03	228	894062	39.098	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	691351	45.276	ng		99
85) Di-n-octyl phthalate	14.57	149	1065481	43.931	ng		99
86) Indeno(1,2,3-cd)pyrene	16.93	276	770238	40.104	ng		99
88) Benzo(b)fluoranthene	15.04	252	802879	48.185	ng		98
89) Benzo(k)fluoranthene	15.07	252	770162	47.454	ng		97
90) Benzo(a)pyrene	15.40	252	737900	49.540	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	645117	50.035	ng		98
92) Benzo(g,h,i)perylene	17.37	276	640914	50.615	ng		99

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

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