Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
Data File : BF117444.D
Acq On : 18 Oct 2019 17:00
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
10/20/2019 8:04:36 PM

Quant Time: Oct 18 18:35:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 17:56:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	48934	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	205532	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	103773	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	164920	20.00	ng		0.00
76) Chrysene-d12	13.90	240	111122	20.00	ng		0.00
87) Perylene-d12	15.32	264	95304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	385733	121.29	ng		0.00
7) Phenol-d6	6.39	99	507950	120.37	ng		0.01
23) Nitrobenzene-d5	7.31	82	481039	118.64	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	106450	126.04	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	853897	119.96	ng		0.00
79) Terphenyl-d14	12.84	244	789176	115.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	78118	59.665	ng		97
3) Pyridine	3.12	79	204329	61.324	ng		98
4) n-Nitrosodimethylamine	3.09	42	73632	62.711	ng		97
6) Aniline	6.40	93	300402	56.987	ng	#	55
8) 2-Chlorophenol	6.53	128	197900	55.970	ng		97
9) Benzaldehyde	6.29	77	109612	53.275	ng		95
10) Phenol	6.40	94	262739	57.674	ng		93
11) bis(2-Chloroethyl)ether	6.48	93	191879	55.400	ng		99
12) 1,3-Dichlorobenzene	6.67	146	223796	56.598	ng		99
13) 1,4-Dichlorobenzene	6.75	146	225540	55.955	ng		98
14) 1,2-Dichlorobenzene	6.91	146	212489	55.812	ng		97
15) Benzyl Alcohol	6.89	79	184810	57.245	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	205333	56.459	ng		96
17) 2-Methylphenol	7.00	107	162677	55.111	ng		96
18) Hexachloroethane	7.25	117	87444	55.798	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	154296	57.348	ng		97
20) 3+4-Methylphenols	7.16	107	212876	56.009	ng	#	86
22) Acetophenone	7.16	105	313628	58.151	ng	#	98
24) Nitrobenzene	7.33	77	230190	56.675	ng		99
25) Isophorone	7.57	82	417076	57.744	ng		99
26) 2-Nitrophenol	7.64	139	104790	58.150	ng		94
27) 2,4-Dimethylphenol	7.69	122	153681	56.113	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	258833	57.806	ng		98
29) 2,4-Dichlorophenol	7.89	162	163320	57.793	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	171361	56.250	ng		98
31) Naphthalene	8.04	128	583944	56.891	ng		99
32) Benzoic acid	7.86	122	115708	67.847	ng		99
33) 4-Chloroaniline	8.10	127	247785	56.843	ng		99
34) Hexachlorobutadiene	8.16	225	100610	57.663	ng		97
35) Caprolactam	8.49	113	52955m	59.838	ng		
36) 4-Chloro-3-methylphenol	8.59	107	186975	58.146	ng		97
37) 2-Methylnaphthalene	8.73	142	401882	57.982	ng		97
38) 1-Methylnaphthalene	8.83	142	373697	57.224	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	162391	58.145	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	39343	75.438	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	101704	57.542	ng		96
44) 2,4,5-Trichlorophenol	9.06	196	104085	57.733	ng		97
46) 1,1'-Biphenyl	9.20	154	502779	59.306	ng		99
47) 2-Chloronaphthalene	9.22	162	375003	56.744	ng		99
48) 2-Nitroaniline	9.32	65	125394	59.469	ng		87
49) Acenaphthylene	9.63	152	549911	56.761	ng		99
50) Dimethylphthalate	9.50	163	429306	57.604	ng		99
51) 2,6-Dinitrotoluene	9.57	165	91132	58.176	ng		99
52) Acenaphthene	9.80	154	341352	57.985	ng		99
53) 3-Nitroaniline	9.74	138	109746	57.370	ng		96
54) 2,4-Dinitrophenol	9.86	184	36422	60.684	ng		97
55) Dibenzofuran	9.97	168	485857	56.577	ng		97
56) 4-Nitrophenol	9.92	139	50684	66.576	ng		96
57) 2,4-Dinitrotoluene	9.97	165	120251	58.177	ng		87
58) Fluorene	10.32	166	403880	56.485	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	80600	57.830	ng		94
60) Diethylphthalate	10.20	149	436542	58.110	ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	179394	56.667	ng		93
62) 4-Nitroaniline	10.36	138	104722	57.591	ng		97
63) Azobenzene	10.47	77	449241	58.281	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	52803	63.737	ng		98
66) n-Nitrosodiphenylamine	10.43	169	349354	56.705	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	104219	57.614	ng		92
68) Hexachlorobenzene	10.87	284	109942	56.594	ng	#	89
69) Atrazine	10.96	200	69188	69.256	ng		96
70) Pentachlorophenol	11.07	266	34504	59.369	ng		96
71) Phenanthrene	11.28	178	553104	56.734	ng		99
72) Anthracene	11.33	178	560712	55.714	ng		99
73) Carbazole	11.49	167	522046	57.105	ng		99
74) Di-n-butylphthalate	11.82	149	686932	55.491	ng		98
75) Fluoranthene	12.47	202	551597	56.900	ng		99
77) Benzidine	12.59	184	167383	60.904	ng		96
78) Pyrene	12.70	202	555181	56.521	ng		99
80) Butylbenzylphthalate	13.31	149	279354	56.558	ng		95
81) Benzo(a)anthracene	13.89	228	432567	56.734	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	131528	54.561	ng	#	98
83) Chrysene	13.93	228	429915	57.177	ng		98
84) Bis(2-ethylhexyl)phthalate	13.87	149	389046	55.864	ng		97
85) Di-n-octyl phthalate	14.48	149	601049	56.689	ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	316364	60.174	ng		99
88) Benzo(b)fluoranthene	14.92	252	351766	59.289	ng		98
89) Benzo(k)fluoranthene	14.94	252	318277	53.979	ng		99
90) Benzo(a)pyrene	15.27	252	296166	56.371	ng		97
91) Dibenzo(a,h)anthracene	16.74	278	269792	59.927	ng		98
92) Benzo(g,h,i)perylene	17.15	276	253554	59.168	ng		99

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

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