Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
Data File : BF117445.D
Acq On : 18 Oct 2019 17:27
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
10/20/2019 8:04:40 PM

Quant Time: Oct 18 18:55:42 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	48539	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	203451	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	103987	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	160037	20.00	ng		0.00
76) Chrysene-d12	13.90	240	97754	20.00	ng		0.00
87) Perylene-d12	15.33	264	87049	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	520879	165.11	ng		0.00
7) Phenol-d6	6.40	99	678699	162.15	ng		0.02
23) Nitrobenzene-d5	7.32	82	650425	162.06	ng		0.01
42) 2,4,6-Tribromophenol	10.57	330	138520	163.67	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1111884	155.88	ng		0.00
79) Terphenyl-d14	12.84	244	989262	164.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	108527	83.566	ng		100
3) Pyridine	3.12	79	274455	83.040	ng		97
4) n-Nitrosodimethylamine	3.10	42	103617	88.966	ng		97
6) Aniline	6.41	93	400305	76.557	ng	#	37
8) 2-Chlorophenol	6.53	128	268915	76.673	ng		95
9) Benzaldehyde	6.29	77	130171	63.783	ng		96
10) Phenol	6.41	94	353672	78.267	ng		89
11) bis(2-Chloroethyl)ether	6.48	93	269516	78.448	ng		99
12) 1,3-Dichlorobenzene	6.68	146	301835	76.955	ng		97
13) 1,4-Dichlorobenzene	6.76	146	301683	75.454	ng		97
14) 1,2-Dichlorobenzene	6.91	146	280912	74.385	ng		100
15) Benzyl Alcohol	6.90	79	245425	76.639	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	278269	77.136	ng		73
17) 2-Methylphenol	7.01	107	220011	75.141	ng		92
18) Hexachloroethane	7.25	117	119965	77.173	ng		97
19) n-Nitroso-di-n-propylamine	7.17	70	208760	78.222	ng		97
20) 3+4-Methylphenols	7.17	107	284019	75.335	ng	#	74
22) Acetophenone	7.16	105	424557	79.525	ng		98
24) Nitrobenzene	7.33	77	310378	77.199	ng		97
25) Isophorone	7.57	82	557132	77.924	ng		99
26) 2-Nitrophenol	7.65	139	143292	80.329	ng		96
27) 2,4-Dimethylphenol	7.69	122	206448	76.150	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	343630	77.529	ng		99
29) 2,4-Dichlorophenol	7.89	162	219820	78.582	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	233599	77.464	ng		100
31) Naphthalene	8.05	128	781182	76.885	ng		99
32) Benzoic acid	7.88	122	158876	94.112	ng		97
33) 4-Chloroaniline	8.10	127	331360	76.793	ng		97
34) Hexachlorobutadiene	8.16	225	132643	76.800	ng		95
35) Caprolactam	8.50	113	68827m	78.569	ng		
36) 4-Chloro-3-methylphenol	8.59	107	242750	76.263	ng		99
37) 2-Methylnaphthalene	8.73	142	523412	76.289	ng		99
38) 1-Methylnaphthalene	8.83	142	492154	76.134	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	218123	77.939	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	62133	118.891	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	136137	76.865	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	138963	76.920	ng		98
46) 1,1'-Biphenyl	9.20	154	652324	76.788	ng		99
47) 2-Chloronaphthalene	9.22	162	501392	75.713	ng		99
48) 2-Nitroaniline	9.33	65	164186	77.706	ng		92
49) Acenaphthylene	9.63	152	732015	75.402	ng		99
50) Dimethylphthalate	9.50	163	569154	76.211	ng		99
51) 2,6-Dinitrotoluene	9.57	165	120698	76.891	ng		94
52) Acenaphthene	9.81	154	443613	75.201	ng		100
53) 3-Nitroaniline	9.75	138	143086	74.645	ng		98
54) 2,4-Dinitrophenol	9.86	184	49106	81.649	ng		89
55) Dibenzofuran	9.98	168	638450	74.193	ng		99
56) 4-Nitrophenol	9.92	139	66528	87.209	ng		96
57) 2,4-Dinitrotoluene	9.98	165	156451	75.535	ng		92
58) Fluorene	10.32	166	529225	73.862	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	104586	74.885	ng		97
60) Diethylphthalate	10.20	149	565158	75.075	ng		97
61) 4-Chlorophenyl-phenylether	10.31	204	236682	74.610	ng		95
62) 4-Nitroaniline	10.37	138	135618	74.428	ng		97
63) Azobenzene	10.47	77	583997	75.607	ng		99
65) 4,6-Dinitro-2-methylphenol	10.40	198	71686	89.171	ng		95
66) n-Nitrosodiphenylamine	10.44	169	452337	75.660	ng		98
67) 4-Bromophenyl-phenylether	10.80	248	134527	76.639	ng		97
68) Hexachlorobenzene	10.87	284	144161	76.473	ng		96
70) Pentachlorophenol	11.07	266	49037	86.950	ng		94
71) Phenanthrene	11.28	178	723279	76.453	ng		99
72) Anthracene	11.33	178	740592	75.832	ng		99
73) Carbazole	11.49	167	663448	74.786	ng		100
74) Di-n-butylphthalate	11.82	149	884134	73.601	ng		99
75) Fluoranthene	12.47	202	696098	73.997	ng		99
77) Benzidine	12.59	184	160032m	66.193	ng		
78) Pyrene	12.70	202	694971	80.428	ng		99
80) Butylbenzylphthalate	13.31	149	338523	77.910	ng		98
81) Benzo(a)anthracene	13.89	228	512324	76.383	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	143997	67.902	ng	#	98
83) Chrysene	13.93	228	501242	75.779	ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	470613	76.817	ng		96
85) Di-n-octyl phthalate	14.48	149	701636	75.226	ng		100
86) Indeno(1,2,3-cd)pyrene	16.74	276	407859	88.185	ng		99
88) Benzo(b)fluoranthene	14.92	252	399026	73.632	ng		98
89) Benzo(k)fluoranthene	14.95	252	397543	73.816	ng		99
90) Benzo(a)pyrene	15.27	252	363235	75.693	ng		96
91) Dibenzo(a,h)anthracene	16.74	278	343266	83.478	ng		98
92) Benzo(g,h,i)perylene	17.16	276	334017	85.336	ng		97

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

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