Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
Data File : BF117395.D
Acq On : 14 Oct 2019 12:09
Operator : JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Oct 14 14:27:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 14:19:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	55559	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	238803	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	128903	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	208463	20.00	ng		0.00
76) Chrysene-d12	13.96	240	152534	20.00	ng		0.00
87) Perylene-d12	15.42	264	135525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	74195	20.85	ng		0.00
7) Phenol-d6	6.43	99	104108	22.64	ng		0.00
23) Nitrobenzene-d5	7.36	82	100513	22.12	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	22607	20.98	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	197404	23.94	ng		0.00
79) Terphenyl-d14	12.90	244	203946	24.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	14744	9.901	ng		100
3) Pyridine	3.29	79	30314	7.438	ng		98
4) n-Nitrosodimethylamine	3.21	42	10826	7.740	ng	#	99
6) Aniline	6.46	93	65675	11.091	ng		89
8) 2-Chlorophenol	6.58	128	42478	11.065	ng		95
9) Benzaldehyde	6.35	77	32998	13.140	ng		95
10) Phenol	6.45	94	52755	10.405	ng	#	72
11) bis(2-Chloroethyl)ether	6.52	93	39289	10.544	ng		95
12) 1,3-Dichlorobenzene	6.73	146	48917	11.355	ng		99
13) 1,4-Dichlorobenzene	6.81	146	50855	11.568	ng		99
14) 1,2-Dichlorobenzene	6.96	146	48078	11.746	ng		98
15) Benzyl Alcohol	6.95	79	40181	11.393	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	44441	12.071	ng		80
17) 2-Methylphenol	7.06	107	37232	11.572	ng		94
18) Hexachloroethane	7.30	117	19170	11.335	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	33240	11.869	ng		98
20) 3+4-Methylphenols	7.22	107	49108	12.253	ng		95
22) Acetophenone	7.20	105	67221	11.079	ng	#	93
24) Nitrobenzene	7.37	77	53563	11.934	ng		99
25) Isophorone	7.61	82	92187	11.456	ng		99
26) 2-Nitrophenol	7.70	139	21312	11.055	ng		96
27) 2,4-Dimethylphenol	7.74	122	35645	11.659	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	57232	11.543	ng		100
29) 2,4-Dichlorophenol	7.95	162	35068	10.947	ng		92
30) 1,2,4-Trichlorobenzene	8.02	180	38291	11.064	ng		93
31) Naphthalene	8.09	128	130992	11.406	ng		99
32) Benzoic acid	7.85	122	13250	6.162	ng	#	87
33) 4-Chloroaniline	8.16	127	57507	11.289	ng		97
34) Hexachlorobutadiene	8.21	225	22506	11.462	ng		96
35) Caprolactam	8.50	113	11142	10.276	ng		96
36) 4-Chloro-3-methylphenol	8.64	107	41093	11.001	ng		98
37) 2-Methylnaphthalene	8.79	142	89850	11.618	ng		96
38) 1-Methylnaphthalene	8.89	142	86005	11.874	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	37027	11.124	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	1219	0.974	ng		94
43) 2,4,6-Trichlorophenol	9.07	196	22458	9.942	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	23961	9.928	ng	#	92
46) 1,1'-Biphenyl	9.25	154	112304	11.107	ng		98
47) 2-Chloronaphthalene	9.27	162	89594	11.228	ng		98
48) 2-Nitroaniline	9.38	65	27471	10.733	ng		93
49) Acenaphthylene	9.69	152	132714	11.102	ng		99
50) Dimethylphthalate	9.55	163	101826	11.157	ng		98
51) 2,6-Dinitrotoluene	9.62	165	20337	10.941	ng		96
52) Acenaphthene	9.86	154	79369	11.200	ng		96
53) 3-Nitroaniline	9.79	138	26330	11.227	ng	#	85
54) 2,4-Dinitrophenol	9.94	184	4974	7.559	ng		88
55) Dibenzofuran	10.03	168	119606	11.440	ng		98
56) 4-Nitrophenol	10.00	139	5735	3.773	ng		94
57) 2,4-Dinitrotoluene	10.03	165	27380	11.347	ng		97
58) Fluorene	10.37	166	100128	11.889	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	19755	10.696	ng	#	98
60) Diethylphthalate	10.24	149	104099	11.593	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	43349	11.896	ng		89
62) 4-Nitroaniline	10.40	138	24828	10.179	ng		100
63) Azobenzene	10.52	77	108111	11.788	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	8084	9.240	ng		92
66) n-Nitrosodiphenylamine	10.48	169	84294	11.708	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	23908	11.230	ng		97
68) Hexachlorobenzene	10.93	284	25775	11.069	ng		100
69) Atrazine	11.01	200	22988	12.999	ng		99
70) Pentachlorophenol	11.14	266	6054	5.547	ng		97
71) Phenanthrene	11.34	178	133316	11.259	ng		99
72) Anthracene	11.39	178	143257	11.851	ng		99
73) Carbazole	11.55	167	127680	11.127	ng		98
74) Di-n-butylphthalate	11.87	149	174580	12.788	ng		99
75) Fluoranthene	12.53	202	137680	11.317	ng		98
77) Benzidine	12.65	184	66991	13.634	ng		99
78) Pyrene	12.76	202	140668	10.991	ng		98
80) Butylbenzylphthalate	13.37	149	71156	11.766	ng		94
81) Benzo(a)anthracene	13.95	228	112216	11.011	ng		98
82) 3,3'-Dichlorobenzidine	13.91	252	38954	11.862	ng		99
83) Chrysene	13.99	228	113288	11.398	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	101797	13.055	ng		98
85) Di-n-octyl phthalate	14.53	149	163671	13.336	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	75667	10.435	ng		99
88) Benzo(b)fluoranthene	14.99	252	84006	10.233	ng		96
89) Benzo(k)fluoranthene	15.02	252	101748	13.084	ng		99
90) Benzo(a)pyrene	15.36	252	82096	11.396	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	63272	11.025	ng		99
92) Benzo(g,h,i)perylene	17.31	276	57864	10.119	ng		96

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

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