Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
Data File : BF117400.D
Acq On : 14 Oct 2019 14:23
Operator : JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
10/16/2019 8:10:04 AM

Quant Time: Oct 14 19:05:39 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	6.80	152	63456	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	272895	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	136524	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	206570	20.00	ng		0.00
76) Chrysene-d12	13.97	240	123237	20.00	ng		0.00
87) Perylene-d12	15.42	264	105575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	643026	158.21	ng		0.00
7) Phenol-d6	6.46	99	841137	160.13	ng		0.02
23) Nitrobenzene-d5	7.37	82	840244	161.78	ng		0.01
42) 2,4,6-Tribromophenol	10.63	330	167238	146.57	ng		0.01
45) 2-Fluorobiphenyl	9.16	172	1425710	163.28	ng		0.00
79) Terphenyl-d14	12.91	244	1225787	185.92	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	133851	78.701	ng		99
3) Pyridine	3.26	79	364233	78.243	ng		98
4) n-Nitrosodimethylamine	3.25	42	133106	83.320	ng		90
6) Aniline	6.47	93	518978	76.739	ng	#	77
8) 2-Chlorophenol	6.59	128	353549	80.632	ng		93
9) Benzaldehyde	6.35	77	160465	55.947	ng		99
10) Phenol	6.47	94	462254	79.827	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	359753	84.530	ng		98
12) 1,3-Dichlorobenzene	6.74	146	397354	80.759	ng		100
13) 1,4-Dichlorobenzene	6.82	146	401181	79.897	ng		99
14) 1,2-Dichlorobenzene	6.97	146	379081	81.088	ng		97
15) Benzyl Alcohol	6.96	79	326510	81.059	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	373863	88.914	ng		75
17) 2-Methylphenol	7.07	107	297823	81.045	ng	#	88
18) Hexachloroethane	7.30	117	156700	81.122	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	274650	85.868	ng		96
20) 3+4-Methylphenols	7.23	107	371185	81.092	ng		99
22) Acetophenone	7.22	105	549165	79.205	ng	#	95
24) Nitrobenzene	7.39	77	404300	78.825	ng		99
25) Isophorone	7.63	82	748280	81.370	ng		98
26) 2-Nitrophenol	7.70	139	188807	85.700	ng		96
27) 2,4-Dimethylphenol	7.75	122	280527	80.295	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	459882	81.168	ng		97
29) 2,4-Dichlorophenol	7.95	162	286460	78.252	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	314371	79.487	ng		98
31) Naphthalene	8.10	128	1041040	79.320	ng		99
32) Benzoic acid	7.95	122	216390	88.064	ng		90
33) 4-Chloroaniline	8.16	127	425425	73.082	ng		97
34) Hexachlorobutadiene	8.22	225	179732	80.100	ng		99
35) Caprolactam	8.57	113	87681m	70.763	ng		
36) 4-Chloro-3-methylphenol	8.66	107	327011	76.610	ng		97
37) 2-Methylnaphthalene	8.79	142	692307	78.333	ng		96
38) 1-Methylnaphthalene	8.89	142	662539	80.041	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	285590	81.009	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	86985	65.599	ng		94
43) 2,4,6-Trichlorophenol	9.08	196	181200	75.738	ng		96
44) 2,4,5-Trichlorophenol	9.13	196	183018	71.600	ng		97
46) 1,1'-Biphenyl	9.26	154	851601	79.522	ng		98
47) 2-Chloronaphthalene	9.29	162	668717	79.123	ng		99
48) 2-Nitroaniline	9.39	65	212619	78.432	ng		99
49) Acenaphthylene	9.70	152	963287	76.083	ng		99
50) Dimethylphthalate	9.56	163	753258	77.924	ng		100
51) 2,6-Dinitrotoluene	9.64	165	160990	81.772	ng	#	86
52) Acenaphthene	9.87	154	587400	78.265	ng		97
53) 3-Nitroaniline	9.81	138	187664	75.549	ng		93
54) 2,4-Dinitrophenol	9.93	184	72769	104.421	ng	#	87
55) Dibenzofuran	10.05	168	840023	75.859	ng		97
56) 4-Nitrophenol	9.99	139	90554	56.248	ng		93
57) 2,4-Dinitrotoluene	10.05	165	206461	80.788	ng		93
58) Fluorene	10.39	166	706379	79.190	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	132621	67.800	ng		98
60) Diethylphthalate	10.26	149	749035	78.761	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	310091	80.347	ng		95
62) 4-Nitroaniline	10.43	138	175049	67.763	ng		100
63) Azobenzene	10.54	77	776909	79.986	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	95304	109.926	ng		92
66) n-Nitrosodiphenylamine	10.50	169	607494	85.154	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	176534	83.682	ng		96
68) Hexachlorobenzene	10.95	284	193683	83.941	ng	#	88
69) Atrazine	11.02	200	45687	26.071	ng		99
70) Pentachlorophenol	11.14	266	65096	60.186	ng		96
71) Phenanthrene	11.35	178	933303	79.545	ng		99
72) Anthracene	11.40	178	962433	80.346	ng		100
73) Carbazole	11.56	167	867943	76.335	ng		99
74) Di-n-butylphthalate	11.87	149	1191026	88.042	ng		99
75) Fluoranthene	12.54	202	902989	74.901	ng		98
77) Benzidine	12.66	184	102885	25.917	ng		96
78) Pyrene	12.77	202	900844	87.118	ng		100
80) Butylbenzylphthalate	13.37	149	455862	93.298	ng		98
81) Benzo(a)anthracene	13.96	228	666387	80.935	ng		100
83) Chrysene	14.00	228	646234	80.473	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	639273	101.474	ng		96
85) Di-n-octyl phthalate	14.54	149	921386	92.923	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	507020	86.541	ng		98
88) Benzo(b)fluoranthene	15.00	252	498377	77.932	ng		98
89) Benzo(k)fluoranthene	15.03	252	485077	80.074	ng		98
90) Benzo(a)pyrene	15.36	252	452256	80.591	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	421846	94.362	ng		97
92) Benzo(g,h,i)perylene	17.32	276	415229	93.209	ng		96

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

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