Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
Data File : BF117695.D
Acq On : 6 Nov 2019 12:34
Operator : JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
11/8/2019 3:30:27 PM

Quant Time: Nov 06 17:30:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	369635	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1468964	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	790250	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1445462	20.00	ng		0.00
76) Chrysene-d12	14.12	240	1121337	20.00	ng		0.00
87) Perylene-d12	15.63	264	1122218	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	514612	22.98	ng		0.00
7) Phenol-d6	6.54	99	635896	23.00	ng		-0.02
23) Nitrobenzene-d5	7.49	82	560653	23.51	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	184765	23.99	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	13.06	244	1417847	26.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	113631	10.891	ng		99
3) Pyridine	3.52	79	307343	10.913	ng		99
4) n-Nitrosodimethylamine	3.45	42	135778	10.646	ng		97
6) Aniline	6.59	93	404552	10.781	ng		98
8) 2-Chlorophenol	6.72	128	280905	12.226	ng		98
9) Benzaldehyde	6.48	77	229162	15.749	ng		97
10) Phenol	6.55	94	337570	12.224	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	272785	12.034	ng		97
12) 1,3-Dichlorobenzene	6.87	146	327346	12.341	ng		97
13) 1,4-Dichlorobenzene	6.95	146	332097	12.467	ng		98
14) 1,2-Dichlorobenzene	7.10	146	315408	12.925	ng		99
15) Benzyl Alcohol	7.06	79	241623	11.908	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	433498	12.019	ng		99
17) 2-Methylphenol	7.17	107	229674	11.581	ng		99
18) Hexachloroethane	7.45	117	115496	11.705	ng		91
19) n-Nitroso-di-n-propylamine	7.33	70	203893	12.118	ng		97
20) 3+4-Methylphenols	7.32	107	303119	12.957	ng		91
22) Acetophenone	7.34	105	413405	12.495	ng	#	96
24) Nitrobenzene	7.51	77	296635	12.085	ng		95
25) Isophorone	7.75	82	533668	11.674	ng		98
26) 2-Nitrophenol	7.83	139	114472	10.600	ng		91
27) 2,4-Dimethylphenol	7.86	122	233198	11.934	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	361897	12.538	ng		98
29) 2,4-Dichlorophenol	8.07	162	233375	11.861	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	280624	12.444	ng		98
31) Naphthalene	8.25	128	860876	13.479	ng		96
32) Benzoic acid	7.93	122	138735m	9.526	ng		
33) 4-Chloroaniline	8.29	127	361317	11.987	ng		99
34) Hexachlorobutadiene	8.36	225	160175	12.409	ng		99
35) Caprolactam	8.62	113	74133	11.145	ng		97
36) 4-Chloro-3-methylphenol	8.75	107	239404	11.956	ng		97
37) 2-Methylnaphthalene	8.93	142	569695	13.140	ng		98
38) 1-Methylnaphthalene	9.03	142	542338	13.204	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	262586	12.540	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	122525	10.599	ng		99
43) 2,4,6-Trichlorophenol	9.21	196	171067	11.839	ng		99
44) 2,4,5-Trichlorophenol	9.24	196	181585	12.493	ng		98
46) 1,1'-Biphenyl	9.40	154	719506	13.137	ng		97
47) 2-Chloronaphthalene	9.42	162	564088	12.898	ng		97
48) 2-Nitroaniline	9.51	65	148902	11.325	ng		89
49) Acenaphthylene	9.85	152	850348	13.206	ng		96
50) Dimethylphthalate	9.69	163	645823	12.864	ng		99
51) 2,6-Dinitrotoluene	9.75	165	127446	11.673	ng		93
52) Acenaphthene	10.02	154	534008	13.144	ng		99
53) 3-Nitroaniline	9.92	138	156407	11.769	ng		97
54) 2,4-Dinitrophenol	10.02	184	28690	8.116	ng	#	1
55) Dibenzofuran	10.19	168	768336	13.436	ng		95
56) 4-Nitrophenol	10.06	139	110491	11.220	ng		96
57) 2,4-Dinitrotoluene	10.16	165	155945	11.374	ng		99
58) Fluorene	10.53	166	594858	14.032	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	147968	12.650	ng		98
60) Diethylphthalate	10.40	149	643798	13.070	ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	302475	13.795	ng		99
62) 4-Nitroaniline	10.53	138	150768	11.645	ng		97
63) Azobenzene	10.68	77	622243	13.154	ng		96
65) 4,6-Dinitro-2-methylphenol	10.56	198	43476	8.352	ng		93
66) n-Nitrosodiphenylamine	10.64	169	526054	12.546	ng		99
67) 4-Bromophenyl-phenylether	11.02	248	186242	12.180	ng		96
68) Hexachlorobenzene	11.08	284	219920	12.400	ng		98
69) Atrazine	11.16	200	165321	19.078	ng		99
70) Pentachlorophenol	11.27	266	105123	11.699	ng		99
71) Phenanthrene	11.50	178	913098	13.468	ng		96
72) Anthracene	11.55	178	917035	13.461	ng		97
73) Carbazole	11.70	167	812041	13.037	ng		97
74) Di-n-butylphthalate	12.03	149	999298	13.367	ng		98
75) Fluoranthene	12.69	202	934585	13.521	ng		97
77) Benzidine	12.80	184	449004	20.372	ng		98
78) Pyrene	12.92	202	958372	12.158	ng		97
80) Butylbenzylphthalate	13.54	149	395296	11.034	ng		95
81) Benzo(a)anthracene	14.11	228	839999	12.711	ng		97
82) 3,3'-Dichlorobenzidine	14.07	252	302319	12.688	ng		97
83) Chrysene	14.15	228	833142	12.815	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	567151	12.370	ng		99
85) Di-n-octyl phthalate	14.73	149	863375	12.140	ng		100
86) Indeno(1,2,3-cd)pyrene	17.16	276	683202	11.205	ng		100
88) Benzo(b)fluoranthene	15.19	252	753501	11.321	ng		98
89) Benzo(k)fluoranthene	15.22	252	759718	12.337	ng		99
90) Benzo(a)pyrene	15.57	252	659803	11.284	ng		98
91) Dibenzo(a,h)anthracene	17.18	278	575048	11.048	ng		100
92) Benzo(g,h,i)perylene	17.63	276	531456	10.447	ng		97

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

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