Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
Data File : BF117214.D
Acq On : 24 Sep 2019 13:13
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/26/2019 8:23:51 AM

Quant Time: Sep 24 14:31:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	36291	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	155916	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	84199	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	137511	20.00	ng		0.00
76) Chrysene-d12	13.98	240	93691	20.00	ng		0.00
87) Perylene-d12	15.43	264	70804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	176083	75.75	ng		0.00
7) Phenol-d6	6.46	99	236313	78.66	ng		0.00
23) Nitrobenzene-d5	7.39	82	236361	79.65	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	56889	80.84	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	447753	83.15	ng		0.00
79) Terphenyl-d14	12.92	244	442023	88.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	32898	33.822	ng		97
3) Pyridine	3.28	79	92874	34.885	ng		96
4) n-Nitrosodimethylamine	3.24	42	38480	42.117	ng		81
6) Aniline	6.49	93	149280	38.596	ng		97
8) 2-Chlorophenol	6.61	128	97670	38.949	ng		97
9) Benzaldehyde	6.37	77	64216	43.641	ng		96
10) Phenol	6.47	94	128873	38.914	ng		84
11) bis(2-Chloroethyl)ether	6.56	93	94527	38.836	ng		96
12) 1,3-Dichlorobenzene	6.76	146	110159	39.148	ng		96
13) 1,4-Dichlorobenzene	6.83	146	112066	39.025	ng		97
14) 1,2-Dichlorobenzene	6.99	146	108459	40.566	ng		98
15) Benzyl Alcohol	6.96	79	95840	41.603	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	90609	37.679	ng		72
17) 2-Methylphenol	7.08	107	82591	39.298	ng		92
18) Hexachloroethane	7.33	117	45142	40.862	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	78089	42.689	ng		92
20) 3+4-Methylphenols	7.23	107	109145	41.693	ng		94
22) Acetophenone	7.23	105	160154	40.429	ng	#	98
24) Nitrobenzene	7.40	77	113364	38.685	ng		99
25) Isophorone	7.64	82	207235	39.443	ng		97
26) 2-Nitrophenol	7.72	139	49208	39.093	ng		96
27) 2,4-Dimethylphenol	7.76	122	77549	38.850	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	124863	38.573	ng		98
29) 2,4-Dichlorophenol	7.96	162	80346	38.415	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	89101	39.432	ng		97
31) Naphthalene	8.12	128	295400	39.394	ng		98
32) Benzoic acid	7.91	122	46503	33.209	ng		98
33) 4-Chloroaniline	8.17	127	128298	38.576	ng		98
34) Hexachlorobutadiene	8.24	225	52591	41.023	ng		97
35) Caprolactam	8.55	113	25711m	36.318	ng		
36) 4-Chloro-3-methylphenol	8.66	107	95354	39.099	ng		99
37) 2-Methylnaphthalene	8.82	142	203811	40.363	ng		100
38) 1-Methylnaphthalene	8.91	142	190679	40.319	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	83221	38.276	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	27834	33.968	ng		98
43) 2,4,6-Trichlorophenol	9.10	196	56367	38.202	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	59248	37.583	ng		98
46) 1,1'-Biphenyl	9.27	154	250441	37.919	ng		99
47) 2-Chloronaphthalene	9.30	162	198069	37.999	ng		99
48) 2-Nitroaniline	9.40	65	65848	39.385	ng		98
49) Acenaphthylene	9.72	152	297301	38.074	ng		98
50) Dimethylphthalate	9.57	163	228290	38.293	ng		99
51) 2,6-Dinitrotoluene	9.65	165	48232	39.723	ng		100
52) Acenaphthene	9.89	154	177429	38.332	ng		99
53) 3-Nitroaniline	9.82	138	57539	37.559	ng		97
54) 2,4-Dinitrophenol	9.93	184	17516	38.748	ng		94
55) Dibenzofuran	10.06	168	266643	39.043	ng		98
56) 4-Nitrophenol	9.99	139	37859	38.130	ng		90
57) 2,4-Dinitrotoluene	10.05	165	64704	41.053	ng	#	88
58) Fluorene	10.40	166	218787	39.770	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	44530m	36.912	ng		
60) Diethylphthalate	10.27	149	235723	40.190	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	98561	41.408	ng		97
62) 4-Nitroaniline	10.43	138	59108	37.101	ng		90
63) Azobenzene	10.55	77	236207	39.431	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	24512	40.398	ng		79
66) n-Nitrosodiphenylamine	10.52	169	187613	39.505	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	56200	40.019	ng		94
68) Hexachlorobenzene	10.96	284	61403	39.976	ng		96
69) Atrazine	11.04	200	45649	36.769	ng		97
70) Pentachlorophenol	11.15	266	32516	45.162	ng		98
71) Phenanthrene	11.36	178	304936	39.041	ng		99
72) Anthracene	11.42	178	311281	39.037	ng		99
73) Carbazole	11.57	167	287530	37.988	ng		99
74) Di-n-butylphthalate	11.89	149	375100	41.653	ng		99
75) Fluoranthene	12.55	202	308773	38.475	ng		98
77) Benzidine	12.67	184	106046	35.137	ng		99
78) Pyrene	12.78	202	312211	39.715	ng		99
80) Butylbenzylphthalate	13.39	149	145133	39.071	ng		97
81) Benzo(a)anthracene	13.97	228	237701	37.974	ng		97
82) 3,3'-Dichlorobenzidine	13.93	252	75324	37.342	ng		100
83) Chrysene	14.01	228	228759	37.470	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	186915	39.026	ng		97
85) Di-n-octyl phthalate	14.56	149	257216	34.121	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	143160	32.141	ng		97
88) Benzo(b)fluoranthene	15.01	252	162438	37.874	ng		98
89) Benzo(k)fluoranthene	15.04	252	172387	42.431	ng		98
90) Benzo(a)pyrene	15.37	252	145142	38.565	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	117531	39.201	ng		96
92) Benzo(g,h,i)perylene	17.32	276	111094	37.185	ng		96

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

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