Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117026.D
Acq On : 13 Sep 2019 17:02
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 14 00:22:06 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	79499	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	327519	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	163674	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	262267	20.00	ng		0.00
76) Chrysene-d12	13.97	240	189548	20.00	ng		0.00
87) Perylene-d12	15.42	264	159909	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	395208	77.61	ng		0.00
7) Phenol-d6	6.46	99	507277	77.09	ng		0.00
23) Nitrobenzene-d5	7.39	82	483856	77.62	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	103790	75.87	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	801257	76.54	ng		0.00
79) Terphenyl-d14	12.92	244	754879	74.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	83084	38.993	ng		99
3) Pyridine	3.31	79	222614	38.171	ng		96
4) n-Nitrosodimethylamine	3.26	42	74779	37.363	ng		99
6) Aniline	6.49	93	329099	38.842	ng		99
8) 2-Chlorophenol	6.61	128	209323	38.105	ng		99
9) Benzaldehyde	6.37	77	137360	42.323	ng		98
10) Phenol	6.47	94	281089	38.746	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	198893	37.302	ng		98
12) 1,3-Dichlorobenzene	6.76	146	238182	38.640	ng		99
13) 1,4-Dichlorobenzene	6.84	146	243272	38.672	ng		99
14) 1,2-Dichlorobenzene	7.00	146	226762	38.717	ng		99
15) Benzyl Alcohol	6.96	79	192859	38.217	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	198960	37.769	ng		98
17) 2-Methylphenol	7.08	107	175261	38.068	ng		96
18) Hexachloroethane	7.33	117	93509	38.640	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	151124	37.713	ng		100
20) 3+4-Methylphenols	7.23	107	217881	37.994	ng		97
22) Acetophenone	7.23	105	317691	38.178	ng		99
24) Nitrobenzene	7.40	77	237076	38.513	ng		100
25) Isophorone	7.65	82	408958	37.054	ng		100
26) 2-Nitrophenol	7.72	139	103420	39.113	ng		96
27) 2,4-Dimethylphenol	7.76	122	159181	37.963	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	256019	37.651	ng		99
29) 2,4-Dichlorophenol	7.96	162	166584	37.916	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	178069	37.515	ng		98
31) Naphthalene	8.13	128	595613	37.813	ng		99
32) Benzoic acid	7.89	122	110957	36.825	ng		97
33) 4-Chloroaniline	8.17	127	265631	38.021	ng		99
34) Hexachlorobutadiene	8.25	225	101695	37.763	ng		96
35) Caprolactam	8.55	113	54636	36.740	ng	#	86
36) 4-Chloro-3-methylphenol	8.66	107	191554	37.392	ng		95
37) 2-Methylnaphthalene	8.82	142	400761	37.783	ng		98
38) 1-Methylnaphthalene	8.92	142	372282	37.474	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	162331	38.408	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	60349	36.981	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	107530	37.490	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	114636	37.408	ng		98
46) 1,1'-Biphenyl	9.28	154	488493	38.049	ng		98
47) 2-Chloronaphthalene	9.30	162	383222	37.821	ng		99
48) 2-Nitroaniline	9.40	65	125905	38.740	ng		96
49) Acenaphthylene	9.72	152	575779	37.933	ng		99
50) Dimethylphthalate	9.57	163	427423	36.882	ng		99
51) 2,6-Dinitrotoluene	9.64	165	92900	39.360	ng		99
52) Acenaphthene	9.89	154	342688	38.086	ng		99
53) 3-Nitroaniline	9.81	138	114314	38.387	ng		99
54) 2,4-Dinitrophenol	9.92	184	32609	37.496	ng		97
55) Dibenzofuran	10.06	168	506144	38.126	ng		98
56) 4-Nitrophenol	9.97	139	74279	38.485	ng		97
57) 2,4-Dinitrotoluene	10.05	165	123921	40.447	ng		96
58) Fluorene	10.40	166	402210	37.611	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	85431	36.430	ng	#	96
60) Diethylphthalate	10.27	149	418392	36.696	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	172751	37.336	ng		98
62) 4-Nitroaniline	10.42	138	118170	38.157	ng		99
63) Azobenzene	10.55	77	433940	37.265	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	43928	38.376	ng		78
66) n-Nitrosodiphenylamine	10.51	169	343321	37.904	ng		97
67) 4-Bromophenyl-phenylether	10.88	248	99852	37.281	ng		94
68) Hexachlorobenzene	10.96	284	109690	37.443	ng		97
69) Atrazine	11.03	200	89388	38.044	ng		99
70) Pentachlorophenol	11.15	266	52552	38.270	ng		97
71) Phenanthrene	11.36	178	568904	38.190	ng		100
72) Anthracene	11.42	178	585976	38.530	ng		99
73) Carbazole	11.56	167	547541	37.929	ng		98
74) Di-n-butylphthalate	11.89	149	645984	37.611	ng		99
75) Fluoranthene	12.54	202	580862	37.949	ng		99
77) Benzidine	12.66	184	238725	39.098	ng		98
78) Pyrene	12.77	202	591558	37.194	ng		99
80) Butylbenzylphthalate	13.39	149	267541	35.600	ng		98
81) Benzo(a)anthracene	13.96	228	475146	37.520	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	150804	36.954	ng		99
83) Chrysene	14.00	228	459940	37.238	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	338657	34.950	ng		99
85) Di-n-octyl phthalate	14.55	149	544629	35.711	ng		99
86) Indeno(1,2,3-cd)pyrene	16.84	276	315256	34.985	ng		99
88) Benzo(b)fluoranthene	15.00	252	368072	37.999	ng		99
89) Benzo(k)fluoranthene	15.03	252	366006	39.889	ng		98
90) Benzo(a)pyrene	15.36	252	324330	38.157	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	251346	37.120	ng		99
92) Benzo(g,h,i)perylene	17.28	276	249742	37.012	ng		97

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

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