Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117149.D
Acq On : 18 Sep 2019 17:16
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 19 05:13:48 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	75186	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	309831	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	158806	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	247047	20.00	ng	0.00
76) Chrysene-d12	13.97	240	141781	20.00	ng	0.00
87) Perylene-d12	15.42	264	123799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	366306	76.06	ng	0.00
7) Phenol-d6	6.46	99	474572	76.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	451047	76.49	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	97170	73.21	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	778003	76.60	ng	0.00
79) Terphenyl-d14	12.91	244	659868	87.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	74520	36.980	ng	97
3) Pyridine	3.30	79	201368	36.508	ng	95
4) n-Nitrosodimethylamine	3.25	42	64899	34.287	ng	91
6) Aniline	6.49	93	300397	37.488	ng	97
8) 2-Chlorophenol	6.61	128	201671	38.818	ng	98
9) Benzaldehyde	6.37	77	134747	44.359	ng	98
10) Phenol	6.47	94	256505	37.385	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	189746	37.628	ng	99
12) 1,3-Dichlorobenzene	6.76	146	222754	38.210	ng	99
13) 1,4-Dichlorobenzene	6.84	146	227089	38.170	ng	99
14) 1,2-Dichlorobenzene	7.00	146	211880	38.252	ng	98
15) Benzyl Alcohol	6.97	79	181157	37.957	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	188028	37.741	ng	93
17) 2-Methylphenol	7.08	107	162556	37.334	ng	97
18) Hexachloroethane	7.33	117	87683	38.311	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	145408	38.369	ng	98
20) 3+4-Methylphenols	7.23	107	208987	38.534	ng	95
22) Acetophenone	7.23	105	303236	38.522	ng	99
24) Nitrobenzene	7.40	77	224722	38.590	ng	99
25) Isophorone	7.65	82	392645	37.607	ng	99
26) 2-Nitrophenol	7.72	139	99375	39.729	ng	99
27) 2,4-Dimethylphenol	7.76	122	150444	37.928	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	242497	37.698	ng	99
29) 2,4-Dichlorophenol	7.96	162	161169	38.778	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	171476	38.188	ng	99
31) Naphthalene	8.13	128	565826	37.972	ng	99
32) Benzoic acid	7.89	122	81567	30.086	ng	98
33) 4-Chloroaniline	8.17	127	255525	38.663	ng	99
34) Hexachlorobutadiene	8.25	225	99839	39.190	ng	98
35) Caprolactam	8.55	113	48795	34.685	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	181384	37.428	ng	98
37) 2-Methylnaphthalene	8.82	142	382165	38.086	ng	99
38) 1-Methylnaphthalene	8.91	142	349080	37.145	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	157347	38.370	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	53691	34.562 ng	97
43) 2,4,6-Trichlorophenol	9.09	196	103574	37.218 ng	100
44) 2,4,5-Trichlorophenol	9.14	196	108802	36.593 ng	98
46) 1,1'-Biphenyl	9.27	154	470696	37.786 ng	98
47) 2-Chloronaphthalene	9.30	162	365616	37.190 ng	99
48) 2-Nitroaniline	9.40	65	117924	37.397 ng	96
49) Acenaphthylene	9.72	152	543508	36.905 ng	99
50) Dimethylphthalate	9.57	163	414314	36.847 ng	100
51) 2,6-Dinitrotoluene	9.64	165	87358	38.146 ng	98
52) Acenaphthene	9.89	154	319143	36.556 ng	100
53) 3-Nitroaniline	9.81	138	104489	36.163 ng	99
54) 2,4-Dinitrophenol	9.93	184	26142	32.574 ng	92
55) Dibenzofuran	10.06	168	473201	36.737 ng	97
56) 4-Nitrophenol	9.97	139	67726	36.166 ng	98
57) 2,4-Dinitrotoluene	10.05	165	113718	38.254 ng	96
58) Fluorene	10.40	166	385984	37.200 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	82944	36.454 ng	99
60) Diethylphthalate	10.27	149	405429	36.649 ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	168890	37.621 ng	96
62) 4-Nitroaniline	10.42	138	103025	34.286 ng	98
63) Azobenzene	10.55	77	409297	36.226 ng	95
65) 4,6-Dinitro-2-methylphenol	10.46	198	38805	36.418 ng	93
66) n-Nitrosodiphenylamine	10.50	169	326527	38.271 ng	98
67) 4-Bromophenyl-phenylether	10.87	248	97364	38.591 ng	94
68) Hexachlorobenzene	10.95	284	105865	38.364 ng	96
69) Atrazine	11.03	200	80309	35.792 ng	98
70) Pentachlorophenol	11.15	266	56573	43.736 ng	96
71) Phenanthrene	11.36	178	521822	37.188 ng	100
72) Anthracene	11.41	178	536092	37.421 ng	98
73) Carbazole	11.56	167	489121	35.970 ng	100
74) Di-n-butylphthalate	11.89	149	605285	37.412 ng	98
75) Fluoranthene	12.54	202	500391	34.706 ng	98
77) Benzidine	12.66	184	179491	39.301 ng	98
78) Pyrene	12.77	202	501651	42.168 ng	99
80) Butylbenzylphthalate	13.38	149	221516	39.407 ng	99
81) Benzo(a)anthracene	13.96	228	344324	36.350 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	110566	36.222 ng	100
83) Chrysene	13.99	228	346178	37.470 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	284710	39.282 ng	99
85) Di-n-octyl phthalate	14.54	149	434559	38.094 ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	293729	43.578 ng	99
88) Benzo(b)fluoranthene	15.00	252	282951	37.732 ng	98
89) Benzo(k)fluoranthene	15.02	252	272216	38.321 ng	98
90) Benzo(a)pyrene	15.36	252	251119	38.161 ng	98
91) Dibenzo(a,h)anthracene	16.86	278	245603	46.851 ng	96
92) Benzo(g,h,i)perylene	17.29	276	238745	45.703 ng	98

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

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