Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122419\
Data File : BF118307.D
Acq On : 24 Dec 2019 15:55
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF122419

Quant Time: Dec 24 16:34:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	158511	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	620638	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	329242	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	620165	20.00	ng		0.00
76) Chrysene-d12	14.05	240	471646	20.00	ng		0.00
87) Perylene-d12	15.54	264	450034	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	704801	75.90	ng		0.00
7) Phenol-d6	6.49	99	879702	76.37	ng		0.00
23) Nitrobenzene-d5	7.42	82	828264	76.33	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	311142	76.52	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1658318	76.88	ng		0.00
79) Terphenyl-d14	12.99	244	1985079	69.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	138743	37.585	ng		99
3) Pyridine	3.34	79	378739	38.509	ng		99
4) n-Nitrosodimethylamine	3.30	42	156666	38.528	ng	#	98
6) Aniline	6.52	93	556966	38.076	ng		99
8) 2-Chlorophenol	6.64	128	400357	38.067	ng		96
9) Benzaldehyde	6.40	77	240704	35.640	ng		95
10) Phenol	6.50	94	497750	38.444	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	351068	37.914	ng		98
12) 1,3-Dichlorobenzene	6.79	146	459207	37.912	ng		99
13) 1,4-Dichlorobenzene	6.87	146	466735	37.937	ng		97
14) 1,2-Dichlorobenzene	7.03	146	442839	38.125	ng		98
15) Benzyl Alcohol	7.00	79	338202	38.560	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	375251	37.978	ng		96
17) 2-Methylphenol	7.11	107	318954	37.812	ng		99
18) Hexachloroethane	7.37	117	170896	37.848	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	270156	38.069	ng		98
20) 3+4-Methylphenols	7.27	107	412634	38.221	ng		91
22) Acetophenone	7.27	105	578272	38.016	ng	#	95
24) Nitrobenzene	7.45	77	415830	38.255	ng		95
25) Isophorone	7.68	82	710768	37.584	ng		99
26) 2-Nitrophenol	7.76	139	222132	38.581	ng		95
27) 2,4-Dimethylphenol	7.79	122	294449	37.483	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	470017	38.002	ng		99
29) 2,4-Dichlorophenol	8.00	162	336247	37.189	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	395264	37.528	ng		99
31) Naphthalene	8.16	128	1208368	38.306	ng		99
32) Benzoic acid	7.94	122	244865	38.225	ng		96
33) 4-Chloroaniline	8.22	127	522473	38.636	ng		97
34) Hexachlorobutadiene	8.28	225	238210	37.994	ng		100
35) Caprolactam	8.59	113	109818	38.904	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	367696	37.877	ng		96
37) 2-Methylnaphthalene	8.86	142	817684	37.860	ng		100
38) 1-Methylnaphthalene	8.96	142	766593	37.674	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	380162	38.430	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	126430	35.961 ng	95
43) 2,4,6-Trichlorophenol	9.14	196	255129	38.605 ng	97
44) 2,4,5-Trichlorophenol	9.18	196	261877	38.520 ng	97
46) 1,1'-Biphenyl	9.32	154	1005767	38.622 ng	98
47) 2-Chloronaphthalene	9.35	162	808957	38.597 ng	98
48) 2-Nitroaniline	9.45	65	225667	38.120 ng	96
49) Acenaphthylene	9.77	152	1202681	38.691 ng	99
50) Dimethylphthalate	9.63	163	937946	37.952 ng	99
51) 2,6-Dinitrotoluene	9.69	165	206441	38.745 ng	91
52) Acenaphthene	9.94	154	737241	38.938 ng	98
53) 3-Nitroaniline	9.86	138	239773	38.341 ng	88
54) 2,4-Dinitrophenol	9.97	184	93569	37.757 ng	98
55) Dibenzofuran	10.11	168	1082008	38.676 ng	95
56) 4-Nitrophenol	10.03	139	152676	39.547 ng	94
57) 2,4-Dinitrotoluene	10.10	165	278084	39.059 ng	92
58) Fluorene	10.46	166	863692	38.244 ng	96
59) 2,3,4,6-Tetrachlorophenol	10.23	232	220479	38.168 ng	98
60) Diethylphthalate	10.32	149	946575	38.715 ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	429897	38.132 ng	99
62) 4-Nitroaniline	10.48	138	251080	38.647 ng	98
63) Azobenzene	10.60	77	808879	38.624 ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	130990	39.153 ng	84
66) n-Nitrosodiphenylamine	10.57	169	760223	38.248 ng	100
67) 4-Bromophenyl-phenylether	10.94	248	273012	37.617 ng	96
68) Hexachlorobenzene	11.01	284	318938	37.333 ng	96
69) Atrazine	11.09	200	232741	37.940 ng	97
70) Pentachlorophenol	11.20	266	144668	39.102 ng	99
71) Phenanthrene	11.42	178	1285460	38.022 ng	100
72) Anthracene	11.47	178	1282213	37.890 ng	99
73) Carbazole	11.63	167	1156994	38.531 ng	99
74) Di-n-butylphthalate	11.96	149	1468105	38.560 ng	100
75) Fluoranthene	12.62	202	1319032	38.659 ng	98
77) Benzidine	12.74	184	438600	33.938 ng	98
78) Pyrene	12.85	202	1331837	34.580 ng	99
80) Butylbenzylphthalate	13.46	149	636340	36.694 ng	97
81) Benzo(a)anthracene	14.04	228	1232721	37.340 ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	424391	37.914 ng	99
83) Chrysene	14.08	228	1181544	37.377 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	868321	38.079 ng	100
85) Di-n-octyl phthalate	14.64	149	1382133	41.205 ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	999468	37.107 ng	100
88) Benzo(b)fluoranthene	15.11	252	1101157	36.861 ng	100
89) Benzo(k)fluoranthene	15.14	252	1077613	37.569 ng	99
90) Benzo(a)pyrene	15.49	252	985766	37.459 ng	98
91) Dibenzo(a,h)anthracene	17.07	278	835620	36.591 ng	100
92) Benzo(g,h,i)perylene	17.50	276	791247	35.868 ng	100

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

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