Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118309.D
Acq On : 26 Dec 2019 11:32
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/27/2019 3:18:55 PM

Quant Time: Dec 27 07:04:03 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	163409	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	631468	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	335434	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	617140	20.00	ng	0.00
76) Chrysene-d12	14.04	240	415441	20.00	ng	0.00
87) Perylene-d12	15.53	264	359291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	738378	77.13	ng	0.00
7) Phenol-d6	6.49	99	908185	76.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	835501	75.68	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	311361	75.17	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1692402	77.02	ng	0.00
79) Terphenyl-d14	12.98	244	1909940	76.27	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.58	88	145594	38.258	ng	99
3) Pyridine	3.34	79	396371	39.093	ng	97
4) n-Nitrosodimethylamine	3.30	42	163741	39.060	ng	99
6) Aniline	6.52	93	574084	38.070	ng	98
8) 2-Chlorophenol	6.64	128	411491	37.953	ng	99
9) Benzaldehyde	6.40	77	247748	35.583	ng	98
10) Phenol	6.50	94	504803	37.820	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	361620	37.883	ng	99
12) 1,3-Dichlorobenzene	6.79	146	478210	38.298	ng	99
13) 1,4-Dichlorobenzene	6.87	146	486927	38.392	ng	97
14) 1,2-Dichlorobenzene	7.02	146	460301	38.441	ng	99
15) Benzyl Alcohol	7.00	79	344312	38.080	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	383573	37.657	ng	100
17) 2-Methylphenol	7.11	107	331632	38.136	ng	99
18) Hexachloroethane	7.36	117	179487	38.559	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	272640	37.268	ng	98
20) 3+4-Methylphenols	7.26	107	423274	38.031	ng	99
22) Acetophenone	7.27	105	589128	38.066	ng	99
24) Nitrobenzene	7.44	77	416350	37.646	ng	99
25) Isophorone	7.68	82	722498	37.549	ng	99
26) 2-Nitrophenol	7.76	139	222236	37.937	ng	99
27) 2,4-Dimethylphenol	7.79	122	298413	37.336	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	471842	37.496	ng	100
29) 2,4-Dichlorophenol	8.00	162	344246	37.420	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	406345	37.918	ng	97
31) Naphthalene	8.16	128	1228489	38.276	ng	100
32) Benzoic acid	7.93	122	208416m	32.905	ng	
33) 4-Chloroaniline	8.21	127	519458	37.754	ng	100
34) Hexachlorobutadiene	8.27	225	246007	38.565	ng	99
35) Caprolactam	8.59	113	107519	37.436	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	366462	37.103	ng	99
37) 2-Methylnaphthalene	8.86	142	825536	37.568	ng	99
38) 1-Methylnaphthalene	8.96	142	777559	37.558	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	385196	38.220	ng	100

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QLast Update : Tue Dec 24 15:58:52 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	125240	35.215 ng	98
43) 2,4,6-Trichlorophenol	9.13	196	255775	37.988 ng	98
44) 2,4,5-Trichlorophenol	9.18	196	258103	37.264 ng	97
46) 1,1'-Biphenyl	9.32	154	1011942	38.142 ng	100
47) 2-Chloronaphthalene	9.35	162	817605	38.290 ng	99
48) 2-Nitroaniline	9.45	65	228904	37.953 ng	99
49) Acenaphthylene	9.76	152	1207978	38.144 ng	99
50) Dimethylphthalate	9.62	163	931436	36.993 ng	99
51) 2,6-Dinitrotoluene	9.69	165	205011	37.766 ng	100
52) Acenaphthene	9.93	154	739526	38.338 ng	98
53) 3-Nitroaniline	9.86	138	240326	37.720 ng	88
54) 2,4-Dinitrophenol	9.97	184	81499	33.031 ng	95
55) Dibenzofuran	10.11	168	1077338	37.798 ng	99
56) 4-Nitrophenol	10.02	139	147386	37.472 ng	95
57) 2,4-Dinitrotoluene	10.09	165	275914	38.039 ng	90
58) Fluorene	10.45	166	869570	37.793 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	214266	36.408 ng	95
60) Diethylphthalate	10.32	149	933340	37.469 ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	430532	37.484 ng	98
62) 4-Nitroaniline	10.47	138	249094	37.634 ng	98
63) Azobenzene	10.60	77	796950	37.352 ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	119202	35.805 ng	99
66) n-Nitrosodiphenylamine	10.56	169	752523	38.046 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	271134	37.541 ng	98
68) Hexachlorobenzene	11.00	284	321337	37.799 ng	98
69) Atrazine	11.09	200	229165	37.540 ng	96
70) Pentachlorophenol	11.20	266	142478	38.698 ng	99
71) Phenanthrene	11.42	178	1271297	37.788 ng	100
72) Anthracene	11.47	178	1282367	38.081 ng	100
73) Carbazole	11.63	167	1138855	38.113 ng	99
74) Di-n-butylphthalate	11.95	149	1427043	37.665 ng	99
75) Fluoranthene	12.61	202	1274472	37.536 ng	96
77) Benzidine	12.73	184	492668	43.280 ng	99
78) Pyrene	12.84	202	1300709	38.340 ng	99
80) Butylbenzylphthalate	13.46	149	577752	37.823 ng	96
81) Benzo(a)anthracene	14.03	228	1100322	37.838 ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	381796	38.723 ng	98
83) Chrysene	14.07	228	1034670	37.159 ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	730960	36.392 ng	99
85) Di-n-octyl phthalate	14.63	149	1058935	35.841 ng	100
86) Indeno(1,2,3-cd)pyrene	17.04	276	849355	35.800 ng	100
88) Benzo(b)fluoranthene	15.10	252	878748	36.845 ng	99
89) Benzo(k)fluoranthene	15.13	252	879119	38.390 ng	99
90) Benzo(a)pyrene	15.47	252	806150	38.370 ng	99
91) Dibenzo(a,h)anthracene	17.04	278	700697	38.432 ng	98
92) Benzo(g,h,i)perylene	17.49	276	673727	38.254 ng	98

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

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